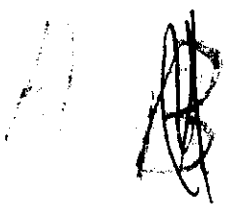
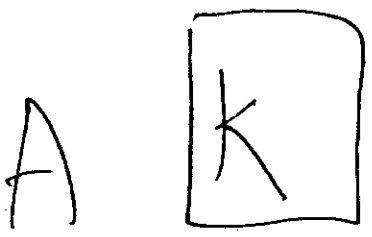
19 50-51 **File No.** 2004/36

A CLASS P.W. **DEPARTMENT**
J. **BRANCH**

Subject:— Jog Karnataka
Fall Sch...





File No. 2004/35-N

Std. Scott. Slip 24-B

D

G. R., G-D., No. 2408, dated 22-6-22.] P.

DOCKET SHEET

Subject:—

File No. 2004/36/790 98100

P. W. DEPT.

(Rl. BRANCH.

PORT.

References:—

Date.	To whom sent.	Notes and instructions.
20/1/49	D.S.	Issue ltr. to Fin Debt (5-2-49)
19-4-49	Regd	R. returned with f.p.
2/4/49	D.S.	Issue ltr. to ~~Ft Sy~~ Rl. Comm. (25-4-49
19/5/49	Regd	R. returned to the P.W.D with Endt dated 30.5.49
27/7	D.S.	Issue letter and ack on hb 36-37 V. urgent & return with four spare copies hd
23/12	D.S.	Issue letter on p. 53 ante in duplicate of P.S. for secy & return with three spare copies hd. V. urgent
11/3/50	D.S.	Issue ltr to F.D. (22-3-50)
30/3/50	"	Issue letter & ack on hb 119-120 V. urgent & return with two spare copies hd

[redacted]sent.		Notes and instructions.
12/6	25	Issue no. list [illegible] Elect Comms (2-7-SP).
15/10/57	D S	Pl. issue no. 60 D. D.
10-11-57	Gen	Pl issue no. 60 R.W. D.

URGENT

2-36 Q

No. T.8/1/
Electric Grid Offices, Foreshore Road
Bombay 1 : 31st December, 1948.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject :- Jog-Karnatak Electric Grid Scheme

The Government in their letter No.9282/36-El. dated 28th December 1948, addressed to the Central Electricity Commission, Simla, have included the schems for supply of hydro electric power from Jog to the Karnatak districts of the Bombay Province as one of the schemes which must be accorded high priority along with the North Gujarat, South Gujarat, Koyna Hydro Electric and Nursery Schemes of the Bombay Government.

2. As the generating station of the Mysore Government is already in existence, the Jog scheme will comprise the installation of overhead transmission lines and step-down substations and distribution work coming thereafter. I believe that utilisation of Jog power has been preferred by Government to Kalinadi Hydro development largely because the former can be made available earlier. In view of this, the question of putting the Jog power transmission and distribution scheme into commission as quickly as possible has been considered by me. The deliveries of transformers, switchgear and insulators are of the order of 3 to 3½ years now, and, therefore, if the normal procedure is followed, the Jog-Karnatak Electric Grid Scheme cannot be expected to commence supply in less than about five years from the date on which formal sanction is accorded to it by the Government. There is scope for reducing this period by at least one year if certain formalities are dispensed with. With the object, therefore, of expediting the scheme as much as possible, I submit the following proposals for the consideration of and approval of Government :-

(1) Design staff : The work on designs, specifications and estimate on the scheme will be executed by the Transmission Section of my Department. This Section is not provided with adequate staff even for the North Gujarat and South Gujarat Schemes under execution at present. The Jog-Karnatak Scheme may cost about Rs. 4.2 Crores and it will need the attention of an Executive Engineer, assisted by an Assistant Engineer and Junior Engineer Staff similar to that proposed for Koyna Valley transmission scheme in this office letter No.E.4/13870 of 17th August 1948.

viz. 1 Executive Engineer, 1 Assistant Engineer, 4 Junior Engineers, 1 Senior Draftsman and 1 Junior Draftsman and 1 tracer may kindly be sanctioned forthwith and arrangements ma to recruit it without delay. When Koyna Scheme is sanctioned, this staff will need reinforcement, but part of the senior staff will by then be available for combined supervisory work and the additional staff will be less than the full quota proposed for Koyna alone.

(2) Transmission & Substation Equipment : It has been noticed from recent tenders received for the South Gujarat Scheme that the British Manufacturers of transformers are quoting identical prices. On switchgear also, the conditions may be similar. Regarding transmission lines, there is practically no competition, as there are only two firms, viz. British Insulated Callender's Cables Ltd. and Henleys, and they appear to have entered into some zonal arrangements. The deliveries of transformers, switchgear and insulators are of the order of 3 to 3½ years. It is, therefore, proposed that the system of inviting public tenders may be suspended for the Jog Scheme, and that quotations may be invited for the main items, like transformers, oil circuit breakers, disconnecting switches, substation structures, galvanised steel towers, conductors, and insulators from two or three principal firms on basis of brief specifications specifying service and permitting them to offer their standard equipment suitable for the service. This would save at least one year which is normally required for the preparation of specifications, drawings, inviting tenders, and their elaborate scrutiny. After these equipments are ordered, it will be about two years before actual construction can start and during this period, the designs can be prepared, estimates got technically sanctioned, lands acquired and the remaining materials - the delivery of which is between one to two years - ordered

(3) Line Surveys : The Electric Grid Department has not b able to secure the services of Civil Engineers in adeq

number for departmental surveys of the transmission lines of the Jog-Karnatak Scheme. This area is covered with dense forests and the survey work is particularly difficult. I have, however, obtained quotations from firms of surveyors who have agreed to carry out the surveys at mile rate in different types of country, viz. open, light jungle and dense jungle. It is proposed that the work of survey of the transmission lines for this scheme may be given to one of the tendering firms whose quotations are the most suitable. The contract for survey work should be placed early, so that the details for preparation of the project may be available and the orders for transmission lines could be placed in time.

3. I request that the above may be approved by Government so that the execution of the Jog-Karnatak Electric Grid Scheme may be taken up and completed as expeditiously as possible.

P. Thadani

Electrical Commissioner
with the Government of Bombay.

Copy forwarded with compliments for favour of information to H.M.P.W.D.,Secretariat, Bombay, in reference to my discussion of the above matter with him on 30th December,1948.

a/31.12.48

EC 5/1

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P.W.Deptt.

El.Br.

Submitted.

2. Govt. has recently decided that the scheme for obtaining power from the Kalinadi river should be dropped for the present and negotiations should be opened with the Govt.of Mysore for the supply of power from the Jog power house to Hubli. In view of this decision requirements of raw materials in respect of Jog scheme have been communicated to the Central Electricity Commission in this G.L.No.9282/36-El.,dated the 28-12-48, in response to Commission's enquiry in the matter.

3. The main file containing decision noted above is under submission to the H.M.,P.W.D. with reference to the proposal of the El.Commr.to discuss the question re: supply of Jog power,the rate at which it can be made available,etc.,at a conferance either in Bombay or at Bangalore with the representatives of the Govt. of Mysore.

4. In the meanwhile with a view to expedite the scheme as much as possible the El.Commr. has put up the following three proposals for the consideration of and approval of Govt.

(1) The following additional staff may be sanctioned for the work on designs, specifications and estimates of the scheme:-

one Ex.Engr.
one Asstt.Engr.
four Jnr.Engrs.
one Snr. Draftsman.
one tracer.
one grade I draftsman

(2) System of inviting public tenders may be suspended for the scheme and quotations may be invited for the main items like transformers oil circuit breakers, etc.,from two or three principal firms on the basis of brief specifications specifying service and permitting them to offer their standard equipment suitable for the service.

(3)

2004/36
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(3) The work of survey of the transmission lines for the scheme may be entrusted on contract to a private firm/ of surveyors whose quotations are the most suitable.

5. From the endt. of the El.Commr. it will be seen that the above proposals have been put up after discussion of the subject with the H.M.,P.W.D. They may be approved in consultation with the F.D. subject to the remarks in the following para:

6. Regarding proposal No.(2) it is noted for information that in connection with the work of constructing 66 volt transmission line of the North Gujarat Electric Grid scheme Govt. waived the usual procedure for calling tenders for the work and authorised the El.Commr. to negotiate with Messrs. British Insulated Callendars Cables,Ltd., in the matter in association with the Dy.Secy.,F.D. subject to the condition that the final offer was submitted for the approval of Govt. It has however recently been decided that orders for plant, machinery,etc., should be placed through the Dir.Genl.of Industries and Supplies, Govt.of India and the relevant file is under u.o.r.to the E.& I.D.for issue of general orders in the matter. In view of this decision, the El. Commr. may be authorised in this case to invite quotations from the selected firms through the Dir.Genl.of Industries and Supplies.

Thro.E.B.(I) & (II),Con.Br.,A.B.(III) and D.E.(I).

17/1/49

E.B.(I).
The posts of Ex. & Asstt. Engr. mentioned in para 4(1) within may be sanctd. in the revised pay scales for Ex. & Asstt. Engrs. in u.o. consultation with the F.D.

3-1-49

A.B.(III)
The Jog-Karnatak Elec. Grid Scheme is not provided for in the current year's Budget nor in the next year's budget.

2

+ Note by F. Fil. No. 7 ... p 31 (since in ...

2 Reg ... Approved ... BKR. 17/1/49 ... pay (...) ... in

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It is presumed that no expenditure will be incurred either on the survey or on the estabt. Supply. demand will be asked for in the next year both for survey & estabt. in case the proposals are approved. The proposals will have to be examined by the E. P. C. also.

19/1/49.
19.1.49

KJ 19/1/49

Sir.

Secy (D)

A.O

Since first have now decided Kundalika Jog Kowadic scheme, the staff asked for may be sanctioned at once.

Since the main items like Transformers etc are to come from abroad, I consider it would be more desirable to order them through the Dy of Industries & Supplies, who may be able to secure early deliveries because of their large purchases, than directly.

The work of Survey may be given on contract as proposed

19.1.49

P. W. R. I
20/1/49

V. urgent
U.O. to F.D. 21-1-49

+ with file No 9282/36 II & 7161/36 Part III.

Finance Department.P.W.R.I.

Please see -

(i) H.M.,P.W.D.'s note dated 4.12.48 on p.20 of P.W.D. file 9282/36.

(ii) G.L.P.W.D.No.9282/36-El, dated 28/12/48.

(iii) P.W.D. note dated 24/12/48.

It will be seen (particularly from P.W.D. note dated 24.12.48 referred to), that Jog-Karnatak Power Scheme has replaced Kalinadi Hydro Electric Scheme as a result of Cabinet decision. Rough details of the total cost of the scheme have not been given on these papers.It is stated that it may cost Rs.4.2 crores. It may apparently take much time to prepare plans and estimates and get them approved by Govt. administratively.

2. The Elec.Commr.has made certain proposals re:appointment of staff, power of placing orders for requisite materials, and the manner of carrying out surveys.These proposals, if accepted, would result in making power available earlier than if the usual procedure is followed, The F.D. may have no objection to agreeing to proposals (1) and (3) in para. 4 of the P.W.D.note dated 4.1.49.Regarding proposal (2) it may be noted that it implies placing of orders for machinery etc.before the scheme is sanctioned administratively.This is undesirable. Much equipment however,has been ordered for in connection with the South Gujarat Scheme though it is not approved administratively so far. In view of this, the F.D. may agree to proposal (2) also especially since the scheme is approved by Cabinet.The quotations however, should be invited through the Dir. General of Industries and Supplies as proposed.

It is presumed that the actual expdre.on the scheme during the first 5 years of the P.W.R.plan will be accommodated within the allocation of Rs.675 lakhs made for Grid Schemes. The period for which the proposed staff is to be appointed is not mentioned in the P.W.D.

note -

note. This Deptt.may therefore suggest that it may be sanctioned for a period of one year in the first instance. The proposal re: staff involves supplementary demand, either during the current or next financial year. The proposal regarding inviting quotations (proposal 2) implies financial commitments. It would, therefore, be necessary to put these papers to the E.P.C. at this stage for deciding whether or not the scheme should be proceeded with.

IMMEDIATE.

FINANCE DEPARTMENT.

File No. 2004/36/79 of Public Works Department. *Subject:*—Jog Karnataka Electric Grid Scheme Appointment of staff

CIRCULATED TO THE

EXPENDITURE PRIORITIES COMMITTEE.

H. M. F. D. 8-2/49

C. S.

Secy. F. D. 9/2/49

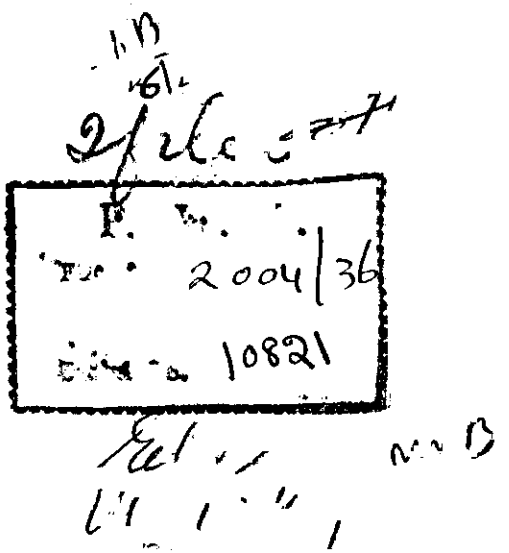
EPC agrees

11/2

K Bk Y 27

Note to Mn P.W.D. 7/2/49
& with file 9282/36 Pt II & 7161/36

7/2/49


2004/36
10821

2004/36/10821.

El. Pr. P. W. D.

Submitted with refce. to this Dept. nor. p.9 dated the 21-1-49.

2. The F. D. has since pp 10-11 agreed to the three proposals of this Dept., mentioned in the Secy. (P.W.D.'s) note p.9, dated the 19-1-1949. That Dept. has, however, presumed p.10 that the actual expenditure on the Jog Power Scheme during the first five years of the P.W.R. plan will be accommodated within the allocation of Rs. 675 lakhs made for Grid Schemes and the E.P.C. has p.13 agreed to the proposals evidently subject to the above presumption of the F. D.

3. In this con., it is stated that Govt. has decided* to take supply of power from the Jog Power House to Public area. The estimated cost of the scheme as given by the El. Commr. in his letter No. Elg. 52 (1)/14447*, d. the 30-8-48, will be Rs. 419 lakhs provided the rate to be paid to Mysore Govt. is 0.125 anna per unit and provided Rs. 23 lakhs are written off, in which case the scheme would be self-supporting in the seventh year.

* In the main file (will be put up if regd.)

The ——

the Mysore Govt. has, however, since agreed & to give us power at the rate of .225 annas per unit and the El. Commr. is accordingly preparing a revised financial forecast of the Scheme. The above estimated cost of Rs. 419 lakhs is likely to be reduced to some extent.

& minutes of requisite meeting are in the main file (will be put up if required)

4. The total provision for Electric Grid Schemes in the first five year plan of Post War Reconstruction is Rs. 675 lakhs. This allocation is for the period ending the year 1951-52. The above amount, however, does not include any specific provision for the execution of the Jog Power Scheme. The El. Commr. has recently reported ~~that~~ in his No. PF-7 (iv)/4196, × dated the 12-3-49, that after the sanctioned Grid Schemes are executed, the amount left out of the allocation of Rs: 675 lakhs is so small that it is not possible to share it between three large works, viz. Jog, Koyna and Kalinadi (Supa), during the period ending the year 1951-52.

× Revised cost II File 8535/36, pp 7-8

5. In addition to the Jog Scheme, = Govt. has decided to push on the Koyna

= In file 8193/36 (Being ... upon separately

Scheme —

scheme and also to take up the survey of the Supa Scheme of the Kalinadi Hydro-El. Project. It seems that considerable expenditure on these three schemes will have to be incurred during the period ending the year 1951-52, and it will not be possible to accommodate this expenditure within the allotment of Rs. 675 lakhs made for the first five year plan. This allotment will either have to be increased or some of the El. Grid schemes will have to be dropped in order to be within the above allocation of Rs. 675 lakhs.

The El. Commr. is being asked in the linked case to give the estimated expenditure to be incurred upto 1951-52, in respect of all El. Grid schemes, including Jog, Koyna and Kalinadi (Supa) schemes and also to suggest which of the schemes may be conveniently dropped for the present, in case Govt. decides not to incur expenditure, exceeding Rs. 675 lakhs, allocated for the purpose. On receipt of that informn. from —

from the El. Commr., further action on these papers may be taken, if agpd. In the meanwhile, the El. Commr. may see these papers for his inform. along with the linked case.

× case II.
File 8535/36(2)
1-7999

ABS.
29-3-49.

Thro. E B (I) & (II), A B (III) & S E (I).

29.3.49 30/3/49 31/3/49

31/3/49

31.3.49

Noted by El. Commr. on 5-4-49

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 7112
Date 6/4

Below Govt. P.W.D., U.O.R.No.2004/36 of 31-3-49.

.....

Electric Grid Offices

Period of appointment of Staff.

The F.D., in its note dated 5-2-49 has stated that since the P.W.D. has not stated the period for which the staff is required, it may appointed for a period of one year in the first instance. This period is totally inadequate. is recommended that the Executive Engineer and Assistant Engineer should be recruited on a basis of 5-year contract and the 4 Junior Engineers, 1 Senior Draftsman, 1 Junior Draftsman and 1 tracer may be sanctioned for 3 years in the first instance as in case of similar staff with other schemes.

It takes normally 5 years after sanction, to get a large scheme completed, but if a special procedure is followed as outlined in my letter T-8/1/20368 of 31-12-48, this work can be completed in four years. The staff engaged on Designs, Specifications and Estimates is required continuously until the job is completed. Assuming the Jog scheme is completed in four years, the gazetted staff should still be engaged on 5-year contract and the non-gazetted rank, for 3 years in the first instance, for the trained staff can be easily utilised for other work.

2. Purchase of Equipment through the Director General of Industries and Supplies.

The Secretary, P.W.D. has suggested that the quotations for plant should be invited through the Director General of Industries and Supplies. This is supported by the F.D. However, the procedure of inviting tenders and placing orders

through the D.G.I. & S. for heavy electrical plant is totally unsuited; this is specially so when work is required to be completed as soon as possible. The specifications for these plants have to be quite detailed. They will have to be prepared by us and then sent on to the D.G.I. & S., who will invite tenders and after tenders are received by him, he will send them to us for scrutiny. For this, the firms will have to be contacted for elucidations and their explanations obtained. Thereafter, the tenders will need to be returned to D.G.I. & S. with my recommendations duly approved by Government. He will then place orders. This procedure is very involved and by adding a 5th wheel to the coach, will make for delay in the execution of the scheme.

In this connection, I quote para.2 of my letter No.Elg.1/11961 of 7th July, 1948, to the Government, in reply to G.E., P.W.D. No.0/32431-I.B. (II) of 23-6-48, forwarding a copy of C.W.I.N.C's. D.O. letter No.SP-W/13/A of 12-6-1948, on this very subject;-

"With regard to para.5 of the D.O. letter under reference, I am of the opinion that so far as heavy electrical plant is concerned, centralization of procurement of plant and machinery aimed at will produce serious congestion at the centre and inordinate delays. It is quicker and easier to negotiate in Scheme units and by officers who are directly dealing with the matters and are acquainted with details of demand. Tendering firms usually suggest alterations or offer equipment not entirely in accordance with the first specification. Only the officers acquainted with full local details can usefully deal with such items. Central negotiating authority will necessarily insist on specifications of requirements in a very complete

form to be supplied by the Provinces. Experience in the purchase of heavy electrical plant is that important and useful changes are introduced at later stages after studying the tender and negotiating with suppliers' engineers. Central purchase is most useful for standardized interchangeable items. Whereas a policy for general guidance regarding terms of payment and the limit of availability of foreign exchange is necessary, concentration of technical negotiations will not produce any appreciable advantage. By taking the initiative away from local officers it may even prove harmful."

3. Further, the D.G.I. & S. will charge his normal percentage on the order for this handling. Therefore, not only that the proposal will lead to long delays before the orders are finalized, but it will entail a certain percentage of extra cost added to the job. At a meeting of the Chief Engineers held recently at New Delhi - (who had assembled for the annual session of the Central ~~Tata~~ Irrigation Board) - which was attended by the undersigned, this matter was discussed in detail, when so far as I remember, practically every Chief Engineer - specially every Chief Electrical Engineer from the Provinces and States was opposed to the proposal of ordering plant and switchgear etc. through the D.G.I. & S.

4. I discussed this matter with the Secretary to Government, P.W.D. (Mr.Gurjar) on 12-4-49 and understood that he made the suggestion because he thought if we did this, Government of India will make available to us the required U.S. Dollars. This, as I pointed out to him, is an

entirely erroneous view. We have been placing orders through D.G.I. & S. for standard materials like rails from the U.S.A. and we have had to secure Dollars ourselves through the appropriate Department of Government of India before orders could be placed. We have been informed that certain quantities of U.S.Dollars have been set aside by the Government of India for Power plant and will be made available to provinces in cases in which it is shown that either the U.S.A. prices or delivery periods are appreciably more favourable than that of British makers. We need not, therefore, base our decision on this consideration.

5. Summarising, it may be stated that purchase through D.G.I. & S. will make for delay and increased cost as his purchasing commission will have to be paid by us. There will be no counterbalancing advantage as owing to the fact that there exists at present a sellers' market, the prices, terms of payment and delivery periods are quoted as directed by the various Associations of makers and are identical for all purchasers. I accordingly strongly recommend that the purchase procedure adopted so far by us be adopted for Jog etc.

6. Capital Cost of the Jog-Hubli Scheme :

The P.W.D. in its noting dated 31-3-49 has suggested that since the final meeting with the representatives of the Mysore Government the estimate of Rs.4.19 crores for the Jog-Hubli Scheme is likely to be reduced. This is correct. Rs.4.19 crores related to Distribution of some 30,000 kW of Jog power through 28 substations covering wide territory, but now since the maximum available from the scheme is 11500 kW, the

Jog-Hubli transmission Scheme is expected to b supplied to a restricted area through 14 substa tions and is estimated to cost Rs.1.76 crores. This expenditure will be spread over a 5-year period. It is, however, not covered in the fiv year financial forecast of Rs.6.75 crores expen diture submitted to Government, and therefore, a extra allocation will be needed. A revised not (4th note) with financial forecast estimate, is being submitted to Govt today separately.

It is recommended that the proposals contained in my letter No.T.8/1/20368 of 31-12-48 may be approved very early if the Jog-Karnatak Scheme is to be executed without avoidable delay.

Secy. to Govt.,
P.W.D., Bombay.

14/4/49

No.T.8/1/6084
Dated 13/14th April, 1949.

RSC/-
13/4/49.

25

2004/36
25388

El.Br. P.W.D.

Wb 15-18.

Submitted with reference to the o.n., dated the 29-3-49.

2. The El. Commr. points p 19 (para 1) that the period of one year for which the staff is proposed to be sanctioned is totally inadequate. He suggests that the Ex.Engr. and the A.E. should be recruited on a basis of five year contract and the four junior Engrs., two draftsmen and tracer may be sanctioned for 3 years in the first instance as in the case of similar staff with other schemes. The suggestion may be accepted in consultation with the F.D.

+ Item (1) in Note on p 7

I agree YJ 6/5/49

3. As regards the proposal of the El.Commr. for the purchase of transmission and substation equipment it has been agreed that the order for the main items like transformers, etc. should be placed through the Dir. General of Industries and Supplies. For the reasons urged in paras. 2 to 5 of his note, which in brief are that the procedure will make for delay and increased cost on account of the purchasing commission which will be charged by the Dir.Gen. the El.Commr. recommends that the purchase of the equipment may not be insisted thro. the Dir. Gen. It is for orders whether the recommendation of the El. Commr. may be accepted and his original proposal for inviting quotations from the ~~related~~ selected firms directly may be agreed to in consultation with the F.D., with the condition that the final offer will be submitted for the appl. of Govt.

← Item (2) in Note on p 7.

← Vide Secy (9) Note on p 9

Wb 1-2

Recommendation of the Elect Commr may perhaps be accepted in consultation with the F.D. YJ 6/5/49

Wb 15 18

4. It was proposed in the o.n., dated the 29-3-49, that further action on these papers be held over till the receipt of information called for from the El.Commr. reg: estimated expdr. on various schemes upto the 31-3-52 so as to consider the question of either supplementing the allotment of Rs. 675 lakhs

for .....

for Grid Schemes in the first five year plan or dropping some of them to accommodate the expdr. upto the 31-3-52.within the allocation. The revised proposals of the El.Commr. reg: the utilisation of Jog power have since been recd. and they are dealt with in the linked case. As pointed out therein, Govt. is apparently anxious that the Jog Scheme should be taken up immediately and not postponed to a date after 31-3-52. Orders on the proposals in this case may not therefore be held over till the general question of supplementing the allocation of Rs.675 lakhs is decided and may issue along with those in the linked case.

I agree
4/6/5/49

5. On receipt of orders on the above proposals the papers will be refd. to the F.D. thro. the R.C.D. along with the linked case.

+ ✓ × 3.5.49 3-5-49 2 VSD 3-5-49

The E.B.(I) & (II), A.B. (II) & D.E(9)

3/5/49

6. The cost of estabt. will be debitable to "52-A" and that of equipment will be debitable to "81-A." If the above proposals are approved & if any expdr. is incurred in the current year supply. grants under both the heads will be obtained in due course and the whole scheme will be brought to the notice of the F.A.

4-5-49. 5/5/49

Margins.

4/5/49

We might agree to the periods of the civil Engineering Staff being extended as proposed by the El Commr.

As regards the purchase through D.G. of Industries & Supplies

27 27 2004/36/25388

27 I still hold the view that the purchases should be made through him for the very reasons for which the El Comm is opposed to it. If the present is a sellers market, if everyone approached individually in the market there was a greater chance of the rates quoted being high than if all pooled their requirements & approached the market through a single purchase agency.

The argument that complete specifications will have to be drawn up in case this were done, will tend to show that at present quotations are being invited whilst insufficient details and everything is left for eventual negotiation between the two parties till the final firm order is placed. It should have been possible by now for the firm to have drawn up complete specification of their requirements of various plants & machinery.

6.5.49

The proposal of the El Comm for direct purchase may not be accepted. I place below EA D's file 8024-G containing S/S's letter dated 6/1/48 HM's P&D's orders dated 29/10/48 and reply 6-PD dated 7/10/49 8/12/5/49

Secy EA D

Secret

Seen R&D

Seen F.D

14/5

Slip A

SS File No 9721/36

14/5-7

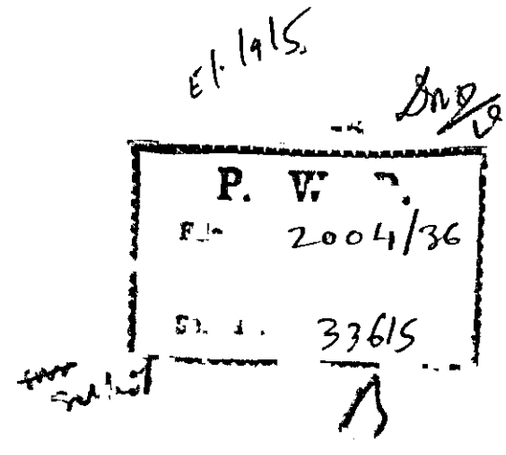
with E.A.D. file

Ref 8024

14/5

17/5 (to Secy D.D.)

Under Secy P.W.D 17/5/49


E.I. 1915
P. W.
File 2004/36
33615

No. T.8-1/ 3429
Electric Grid Offices,
Foreshore Road,
Bombay 1: 21 May 1949.

To

The Secretary to Government,
Public Works Department,
Bombay.

SUBJECT :- Jog Karnatak Scheme-

I am to invite a reference to the correspondence resting with this office U.O.R. No. T.8-1/6804 dated the 13/14th April 1949 and to request you kindly to recommend to Government to accord approval to the proposals referred to therein.

V R Vaidya

For Electrical Commissioner
with the Government of Bombay.

MTB/20.5

Et. 2415

P. W. D.
File No. 2004/36
Serial No. 34620

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(32)

2004/36/34620

P.W.Deptt.

El.Br.

Submitted.

2. With a view to expeaite as much as possible the distribution of the Jog power scheme dealt with in the linked case the El.Commr. has put up the following three proposals for the consideration of Govt.

+ No I (F/N No. 101/26 40218)

(i) The following additional staff may be sanctioned for the work on designs, specifications and estimates of the scheme:-

One Ex.Engr.
One Asstt.Engr.
Four Junior Engrs.
One Senior draftsman.
One Junior "
One tracer.

The Ex.Engr. and the Asstt.Engr. should be recruited on the basis of 5 years contract and the four Engrs., two draftsmen and the tracer may be sanctioned for 3 years in the first instance as in the case of similar staff employed on other schemes.

(ii) System of inviting public tenders may be suspended for the schemes and quotations may be invited for the main items like transformers, oil circuit breakers, etc., from two or three principal firms on the basis of brief specifications specifying service and permitting them to offer their standard equipment suitable for the service.

(iii) The work of survey of the transmission lines for the scheme may be entrusted on contract to a private firm of surveyors whose quotations are the most suitable.

These proposals have been considered in consultation with the R.C.D., E.& I.D. and the F.D. and the E.P.C.

3. It is proposed to accept proposals (i) and (iii) above and the F.D. has agreed to their acceptance.

4. Regarding proposal (~~iii~~ ii) please see the following proceedings:-

(i)

(i) Secy.(I)'s note, dated the 19-1-49.

(ii) Paras. 2 to 5 of the El.Commr's note, dated the 14-4-49.

(iii) Secy.(I)'s note, dated the 6-5-49.

(iv) Secy., E.& I.D's note, dated the 12-5-49 agreed to by the F.D.

For the reasons given by the Secy.(I) in his note, dated the 6-5-49 it is proposed that the purchase of the equipment should be made through the Dir.Genl.of ~~Supplies and Indus-~~ Industries & Supplies tries and not directed as proposed by the El.Commr. In this connection it is noted for information that this Govt.has agreed to make use of the Central Purchasing Organisation for the purpose of ordering electrical or any other plant or stores - vide E.& I.D.letter No.8024-G, dated the 10-1-49 and the minute of the H.M., P.W.D., dated the 10-1-49.

5. Orders of the H.M., P.W.D. are requested on the proposals in paras. 3 and 4 above.

6. As noted in para.6 of the office note dated the 4-5-49 the cost of the estabt. will be debitable to the head '52-A' and that of equipment to head '81-A'. If the above proposals are approved and any expenditure is incurred in the current year supplementary grants under both the heads will be obtained in due course and the whole scheme will be brought to the notice of the L.A. The F.D. has no objection to this course.

Thro E.B.(I) and (II) and A.B.(II).

BKR.29/6/49.

Secy (I)

H.M P.W.D.

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2004/36

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El. Bv.

T. W. I

Resubmitted with reference to the
2 H.M's orders on the previous
case (H.M. 3)
2. The draft has we may issue. If
approved.

Thro. E B (I), E B. (II) & A.B (II)

25-7-49.

25-7-49

25-7-49.

25/7/49

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27.7.49

2004/36/34620

Letter.

No. 2004/36-El. P.W.Deptt., B.C., 29th July 1949.

To

The El.Commr.with the Govt.of Bombay.

Subject:- Utilisation of Jog power in the southern area of the Bombay Province: Steps to accelerate the scheme for-xx.

Reference: Correspondence ending with Your No.T.8/1/6084,dated the 13/14th April 1949.

2. Govt.agrees to your proposal to entertain the following addnl.staff for the work on designs, specifications and estimates of the distribution of Jog power scheme:-

	Scale of pay. Rs.
One Ex.Engr.	500-30-650-E.B.-45-1,100
One Asstt.Engr.	200-15-400-E.B.-20-500-E.B.-25-650.
Four Junior Engrs.	80-5-100-8-140-E.B.-10-220-E.B.-10-270.
One Senior Draftsman.	180-10-270.
One Junior "	110-10-180
One Tracer.	46-3-85-E.B.-4-105.

The posts of Ex.& Asstt.Engrs.are sanctioned for a period of five years in the first instance and the incumbents thereof should be permitted to participate in the Contributory Provident Fund and should be granted the other allowances which have been allowed to similar estabt.of the Bombay El.Grid on mofussil scales of pay.

The non-gazetted posts, viz.,Jnr.Engrs., D'men and Tracers, a re sanctioned for a peridd of three years only.

3. Your proposal in respect of the purchase of equipment for the scheme is not agreed to. The purchase of the equipment should be made through the Dir. Genl.of Industries and Supplies. Your attention in this connection is invited to G.L.,E.& I.D.,No. 8024-G,dated the 10-1-49 to the G.of I Ministry and Industry and Supply.

4. Govt. agrees toyour proposal to entrust the work of

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of survey of transmission lines for the scheme on contract to a private firm of surveyors whose quotations are most suitable.

5. The cost of the estabt. will be debitable to the head "52-A"and that for equipment and survey to the head "81-A". The expenditure that will be incurred during the current year should be reported in Jany. 1950 in order to enable Govt. to obtain a supplementary grant, under the above heads.

By order etc.,

D.A.-Nil.

Copy,with a copy of the El.Commr's letter No.T.8/1/20368,dated the 31-12-48, forwarded for information to -

the F.D.,
the R.C.D.,
the E & I.D.
the A.G.,Bombay (thro.the F.D.).

Orders issued after consultation with Finance Dept. vide their U.O. No. 2 dated 25/7/49
Notes remain with this Department and can be seen when required.

BKR. 25/7/49.

25/7/49

25/7/49

27-7-49

1/Sikh

⇒ To EB(I)
to retain a copy of
this & return.

25/7/49

Copy retained, thanks.

2-8-49

To

2004/36

B. (I).

P.W.D.

Submitted with ref. to G. L. No 2004/36-Ed, d. the 29-7-49.

2. In view of para 2 of the Ed. Comm's letter at p. 21 of the corresp. section of file No. 1184/48, the draft issue, if approved, put up may thro. Ed. B I.

21-9-49

21/9/49

21/9/49

B

31

Letter.

No.2004/36-E(I). P.W.D:,

B.C., 23 Septr. 1949.

To

The Elecl. Commr. with the Govt.of Bombay.

Subject: Utilisation of Jog Power in the Southern area of the Bombay Province: Steps to accelerate the scheme for -.

Reference: Your letter No.E/4(a)/13760, dated the 23-8-1949.

2. For the scale "200-15-400-E.B.-20-500-E.B.-25-650" occurring against the post of Asstt.Engr. in para.2 of G.L.No.2004/36-El., dated the 29-7-49, substitute the scale "220-15-400-E.B.-20-500-E.B.-25-650".

D.A:Nil.

By order of the G.of B.

Copy to -

the F.D.,

the R.C.D.,

the Development Deptt.,

the A.G.,Bombay ~~(thro' the F.D.)~~,

for information.

21-9-49

21/9/49

Very Urgent

Letter

No. T-8/1 15659
Electric Grid Offices,
Foreshore Road,
Bombay 1: 26th Septr. 1949.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject: Utilisation of Jog power in the southern area of the Bombay Province.
Steps to accelerate the scheme.

Reference is invited to Government letter No. 2004/36-El, of 29th July 1949, sanctioning staff for designs and estimates for the distribution of Jog power in the southern areas of the Bombay Province. In paragraph 3 of the above letter, it has been laid down that the purchase of the equipments should be made through the Director General of Industries & Supplies and my attention is invited to Government letter, Education & Industries Department, No. 8024-G, dated the 10th January 1949, to the Government of India, Ministry of Industry & Supply. I have considered this letter along with the letter No. P.I.3(58) of 6-8-1948, from the Joint Secretary to the Government of India, Ministry of Industry & Supply to the Chief Secretary, and I am of the opinion that the procedure suggested would involve even greater delays than occur in the present procedure for placing orders for electrical plant of this department.

2. I would recommend once again for the consideration of Government my proposal for securing the main plant contained in my letter No. T.8/1/20368, of 31st December 1948. It was, that the quotations be invited for the main items, like transformers, oil circuit breakers, disconnecting switches, substation structures, galvanised steel towers, conductors and insulators from a few selected firms on the basis of brief specifications specifying service and permitting them to offer their standard equipment suitable for the service. I will ask these firms to submit sealed tenders by a specified date, to be opened in the presence of the manufacturers' representatives. This would, in my opinion, secure the earliest procurement of plant under the most competitive terms.

3. At present, we buy our standardised requirements such as copper wire, lamps, diesel oil and the like for which

Director General of Industries & Supplies, has contracts through that officer. But the purchase of heavy electrical plant, required for the Jog Scheme, through the Director General of Industries & Supplies, will make for delays. We will have to prepare detailed specifications, submit them to the Director General of Industries & Supplies, who will invite tenders, and send them to us for scrutiny. Thereafter, tenders will need to be sent to him with recommendations duly approved by Government. Tendering firms usually suggest alternatives or offer equipment n entirely in accordance with the first specification, and only full local details can usefully deal with such items. Important and useful changes may have to be introduced at later stages after studying the tenders, and therefore, negotiations with the suppliers' engineers are usually necessary before orders are finalised. Thus going through an intermediate organisation like D.G. I & S., will make for delays and bring no compensating advantage.

4. The D.G. I & S., will also charge the purchasing commission of 1%. The Electric Grid Department is in a position to make its own purchases and it is desirable to save this one per cent commission of the D.G. I & S. organisation. Detailed objections to the proposal to purchase plant through the Central Purchase Organisation of the Government of India have been given in my U.O.R. No. T.8/1/6804, of 14th April 1949, where I have also invited the attention of the Government to the reaction of Chief Engineers of other Provinces to the proposal at a meeting, which was held in Delhi, sometime back for the annual session of the Central Irrigation Board. Practically every Chief Engineer was opposed to the proposal of ordering the specialised heavy plant and switchgear through the D. G. I & S.

5. With regard to the various advantages pointed out by the Ministry of Industry & Supply in their letter of 6th July 1948 to the Chief Secretary, I may point out that the facilities of training of engineers is also offered by the firms when quoting irectly to this department, and advantage of this is being taken are possible. Regarding inspection facilities, I may state that

even when the stores are not ordered through the D.G. I & S., their inspection facilities are available at their usual charge, and as a matter of fact, this department has already entrusted the inspection of the transformers for the North Gujarat Electric Grid Scheme to the D.G.I& S., although the order was placed by the system of advertising and inviting sealed tenders by this department.

6. Most of the manufacturers have branch offices in Bombay and it is, therefore, a positive advantage to deal with them direct and place orders after settling technical details with them. If purchasing work is shifted to New Delhi or London, much valuable time will be lost in carrying out correspondence and the whole object of my proposals to expedite the execution of the Jog Scheme will be defeated. I, therefore, request that Government be ~~placed~~ please to reconsider the matter and to authorise me to invite tenders as proposed in para. 2 above and place orders on basis of most suitable offers received after obtaining where necessary the approval of Government as usual.

P B Advani

Electrical Commissioner
with the Government of Bombay.

ARK.23.9.49.

Cl. B7 2819
L. W. D.
File No. 2004/36
Serial 63240

2004/36
63240

El. Br. (I). P. W. Deptt.

Submitted with ref. to G.L. No.2004/36 El. dt. the 29-7-49 and the notes underlying it.

2. The G. of I. has been informed that this Govt. has no objection to make use of the Govt. of India's Central Purchasing Organisation for the purpose of ordering electrical or any other plant or stores - vide G. L. (E. & I.D.) & No.8024-G. dt. the 10-1-49. The attention of the El. Commr. was invited to this ~~above mentioned~~ letter and he was informed that the purchase of the equipment for the Jog Power Scheme should be made through the Director General of Industries & Supplies - vide G.L. No.2004/36 El. dt. the 29-7-49.

3. The El. Commr. states that the purchase of heavy electrical plant required for the Jog Power Scheme thro. the Director General of Industries & Supplies will delay matters. He has, therefore, again recommended for reconsideration the proposal previously made in his latter on pp./-3 ante. He has suggested that the system of inviting public tenders may be suspended for the Jog power scheme and the quotations may be invited for the main items like transformers, oil circuit brakers etc. from a few selected ~~two or three principal~~ firms on the basis of brief specifications specifying service and permitting them to offer their ~~three~~ standard equipment suitable for the service. The El. Commr. states that he will ask the firms to submit sealed tenders by a specific date, to be opened in the presence of the manufacturer's representatives. This would secure the earliest procurement of plant under the competitive terms, The reasons why the heavy electrical plant, required for the Jog Scheme may not be purchased thro. the Director General of Industries & Supplies are given in paras 3 & 4 of the letter. That, officer will also charge the purchasing commission of 1%

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2004/36. 63240. 46

4. The advantages accruing from a Central Purchasing Agency are stated in para 3 of the latter from the G. of I. (Ministry of Industry and Supply). No.P. I 3 (58) dt. the 6-7-48. The El. Commr. states that the facilities of training of engineers are also offered by the firms when quoting directly to the El. Grid Deptt. and the advantage of this is being taken where possible. When the stores are not available thro. the Director General of Industries & Supplies, their inspection facilities are available at their usual charge. If purchasing work is shifted to New Delhi or London much valuable time will be lost in carrying out correspondence & the whole object to expedite the Jog Scheme will be defeated.

5. Please see the notes of the then Secy.(I), and the Secy. F.D. who did not recommend that the purchases should be made thro the Director General of Industries & Supplies. Orders were issued to purchase the equipment thro. the Director General of Industries & Supplies with the approval of the H.M., P.W.D. As this Govt. has already decided to use the G. of I's. Central Purchasing Organization and the G. of I. has been informed accordingly it is for orders whether the orders already issued may be revised & the proposal made by the El. Commr. may be approved.

20/11/49.

Submitted for orders

Case no. 65-72/36 is also put up below as mentioned by the Secy

22/11/49

2 CKW. 18/11/49.

This may be discussed with Elec Commr, with reference to HM's note on the limited case.

The Govt of I. Min of Industry & Supply require, in case of electrical equipment, detailed specifications of what

is wanted required. In cases when the Elec Comm^r has such specifications, he can certainly utilise the agency of D.G. of S. & get the stores & provided the specifications are standard ones.

Difficulty arises in regard to equipment, of which specifications are not finalised. Availability of electrical equipment is, at present, limited and the Elec Comm^r proposes to invite tenders with specifications for equipment required in connection with the Jog Power scheme.

This method is occasionally resorted to, in construction of bridges. ~~The~~ spacers and tenders asked to supply designs with quotations, but such cases are not exceptional.

In case of the Jog scheme, it is not understood why the Elec Comm^r cannot give detailed specifications ~~of~~ to the D.G. I.S.; or cannot obtain, without calling formal

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tenders, details of most different manufacturers have in the required lines. Such enquiries from a Govt. Deptt (like the Govt) should elicit the required information, on receipt of which the Elec Comr can send his specification to the D.G. I&S. There should not be any delay in the process.

The proposal for Elec Comr is to exempt machinery & plant required for the Jog scheme from the general orders of Govt to freight with risk, which is not unavoidable. D.C.E (Mr. Gurjar) has opposed Elec Com's proposal. — vide his note at p. 27 ante.

13/4

HM (please see His's note of 12-12-4 on P.W.D. note of 12/12/4) DCE 13/12/4

Procurement of plant and machinery and other stores for the Electric Grid Scheme.

With a view to expedite the execution of the Schemes as much as possible Govt. authorised the El. Commr. in 1945 to place orders for the plant and machinery direct instead of thro' the Provl.Central Stores Purchase Organisation in respect of the following Schemes:

(i) North Gujarat Scheme.

(ii) Nursery Schemes at Malwan, Ratnagiri, Chiplun Vengurla & and for certain villages in Satara and Bulsar Talukas.

The same procedure was followed in respect of the South Gujarat El. Scheme.

The procedure followed was that the El.Commr. invited tenders for the various items direct and obtained Govt. Orders for acceptance of such of them as were not within his power to accept.

2. In July 1948 the G.of I. in the Ministry of Industry and Supply addressed the various Provl.Govt. on the advisibility of providing plant and machinery and other stores with ref. particularly to El. & Hydro El. Projects thro' the Central Purchasing Organisation, viz., the Dir. General, Industries and Supplies, New Delhi and hoped that the Provl. Govts. and Administrations will in future use to the full the organisation in ordering electrical.plant or any other plant or stores.

Para. 3 of their letter gave in brief the advantages accruing from a Central Purchasing Agency ~~and to be followed~~ in placing the orders. It is reproduced below:-

"3. The advantages accruing from a Central Purchasing Agency are briefly as follows:-

(1) Such an Agency can place bulk orders in suitable cases. This is an advantage in the present sellers' market. Manufacturers

abroad..

abroad are often reluctant to quote firm prices; their deliveries are often uncertain; a purchaser placing a large bulk order is likely to have more incluence over manufacturers than a number of smaller purchasers.

(2) A Central Purchasing Agency can obtain the advantages accruing from standardisation and co-ordination.

(3) It is in a position to secure stores at economical prices and facilitate shorter delivery periods.

(4) It can influence manufacturers to provide any technical training facilities to Indian Personnel.

(5) It relieves purchasers of all problems of import control regulations.

(6) It can provide the requisite purchase and inspection facilities which are not available to individual indenting authorities. The D.G.(I&S) maintains a highly qualified and efficient Inspection Division which operates in the whole of India. Its staff is well qualified to undertake inspection and tests in regard to all plant during manufacture, during erection and after completion in India-

(7) Indentors have the advantage of utilising the services of the Central Government's purchasing organisations abroad, viz. the Directorate General, India Store Department, London, and the India Supply Mission, Washington. Apart from having all the advantages of Central Purchasing Agency set out above, these agencies enjoy the highest credit in the U.K. and the U.S.A. Purchasers operating thro' them can obtain favourable credit terms which are particularly important in the U.S.A. since thereby India's limited dollar resources are not tied up unnecessarily. Such favourable credit terms can only be obtained by a ~~xtxxxxg~~ strong buying organisation.

These agencies are further more in a better position than any individual purchaser to find the right source of supply. They know the history of suppliers and where best supplies can be located to the best advantage. This is particularly important during the present period of industrial unrest both in North America and in the United Kingdom. "

In a D.O.letter, dt. the 14-7-48, addressed to the H.P. the Ho'ble the Prime Minister of/G.of I. also pointed out to the independent approaches made overseas by the various Provl. Govts. for the purchase of plant and machinery regulting in injurious/competition amongst the Provl. Govts. and suggested that some method should be devised to prevent these independant approaches.

After a careful consideration of the proposal of the G.of I. they were informed on 10th ~~July~~ January 1949 that this Govt. has no objection to make use of their Central Purchasing

Organisation.....

Organisation subject to an assurance that the orders placed thro'. the organisation will not in any case be diverted to the needs of any other Provinces and that no avoidable delay will be allowed to take place in the supply demanded from time to time.

3. In view of the above arrangement the El. Commr. with the G.of B. is now being asked to place orders thro' the Dir. General of Industries and Supplies, New Delhi, in respect of the schemes under execution and those to be undertaken in future. He has however represented that the arrangement would involve in delaying the execution of the schemes and the previous procedure of placing the orders direct may be followed if the schemes are to be executed expeditiously. The representation is made with specific ref. to the orders issued by Govt. in respect of the purchase of plant and equipment for the Jog Power Scheme and those reqd. for the electrification of the towns in Bijapur, East Khandesh and Belgaum Dists. The main argument of the El.Commr. is that much time will elapse in correspondence with the G.of I. in respect of specifications and subsequent changes therein in the light of tenders recd. and that experience has shown that the heavy plant being of a non-standarised charactor the technical details vary considerably in each case, Orders for these can therefore only be settled satisfactorily by the Engrs who are responsible for the schemes.

4. Following are the three specific cases which are under consideration in these papers.

(1) Plant and equipment for Jog Power Scheme. (Cost not reported by the El.Commr.)

(2) Plant and equipment for the electrification of the towns in Bijapur, East Khandesh and Belgaum Dists. (Rs. 14,02,010/-)

(3) Line materials for 22 K.V. transmission line at Surat(South Gujarat El.Grid Scheme) (Rs. 1,35,200/-).

5.....

5. The general views of the Deptt. in the matter are contained in the Secy.'s note, dt. the 23-11-49 on file No.2004/36/63240, which is reproduced below:-

"x The Govt. of India, Ministry of Industry and Supply require, in case of electrical equipment, detailed specifications of what is reqd. In cases where the El. Commr. has such specifications, he can certainly utilise the agency of D.G.of I.& S. and get the stores, etc provided the specifications are standard ones.

Difficulty arises in reg: to equipment, of which specifications are to be finalised. Availability of electrical equipment is, at present, limited and the El.Commr. proposes to invite "tenders with speficiations" for equipment reqd. in con. with the Jog Power Scheme.

This method is occasionally resorted to, in construction of bridges, and tenderers asked to supply designs with quotations; but such cases are exceptional.

In case of the Jog Scheme, it is not understood why the El.Commr. cannot give detailed specifications to the D.G.,I&S., or cannot obtain, without calling formal tenders, details of what different manufacturers have in the reqd. lines. Such enquiries from a Govt. Deptt.(like the Grid) should elicit the requisite information, on receipt of which the El.Commr. can send his specifications to the D.G.,I&S. There should not be any delay in the process.

The proposal of the El.Commr. to exempt machinery and plant reqd. for the Jog Scheme from the general orders of Govt. is fraught with risk, which is not unavoidable. x x "

6. In view of the above noted facts it is for consideration whether

(i) the P.W.D. may authorise the El.Commr. to place direct orders in respect of such plant & equipment.....

equipment either for which he has already received competitive quotations and more or less finalised them or in con. with which his correspondence with the various supplying Firms has reached an advanced stage.

(2) In all the remaining cases the El.Commr. may be asked to place the orders through the Dir. General of Industries and Supplies after supplying his requirements and full specifications.

12/12/49

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VMW.
12/12/49.

The above note has been prepared and submitted as personally directed by the H.M. on the 10th inst. All the three cases handed over personally are kept below.

KJ 12/12/49

H.M.

I feel that the Elec. Commr should not be authorized to depart from Govt. orders in any case. If he has special reasons in any case for dealing direct with producers, he should obtain the sanction of Govt. in each case, stating full reasons for — why the services of D.G. I&S cannot be

2004/36

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whilst. The reasons would be
sanctioned in P.W.D. & F.D
would be consulted. When delay
is advanced as a reason, the
Elec Comr should state why
the matter was not taken in hand
earlier.

12/12

1 From the notes now submitted I find that things have not moved almost a year & a half to place orders for the requirements of plant & machinery for Hydro electric projects. Nothing seems to have been taken by the Elec Commissr to comply with these orders. What in the matter of purchases included in his recent proposals - this regard. Is there that orders have in this connection been communicated to Elec Commissr If so, it would seem the very responsible heads have been ignored & tenders have invited direct by him. He may be asked to explain.

2 As regards the Plant & equipment for Jog Power Scheme, specifications may be communicated early to the Govt. It is with a request to expedite in view the importance of getting these for Elec Commissr to prepare the requisite specifications

3 As regards the Plant & equipment for the electrification of the towns in Bijapur, East Khandesh & Belgaum Districts & for line materials for 2 2 k V transmission line, the latter are nominated to write to the Govt. Transmission, explaining the position having regard to views of the urgency of placing orders on account of the long delay already incurred & suggesting that these works

(3)/12

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El. Br (I). P.W.D.

Resubmitted with reference to this H.M's note of the 12.12.49.

2. Paras 1 & 2 of this H.M's note :- The necessary draft is kept ready for ready. It may issue if asked.

3. Para 3 ibid :— Necessary draft letter to the Govt. Ministry of Industry & Supply is kept vide on file No 8993/36

421
22/12/49

Kpy/12/49

Letter.

No. 2004/36-El(I).

P. W. Deptt.,
B.C. (B'bay. No.1) Dt. Decr. 1949.

To

The Elecl. Commr. with the Govt. of B'bay.

Sub:- Utilisation of Jog power in the southern part of the Bombay Province:
Steps to accelerate the Scheme.

Ref:- Your letter No. T.8/1/15659, dt. the 26-9-1949.

2. As already directed in para. 3 of G.L. No. 2004/36-El, dated the 29-7-1949, the purchase of equipment for the Jog power distribution Scheme should be made thro. the Dir. General of Industries and Supplies. The required specifications should be prepared and communicated very early to the Dir. Genl. of Industries and Supplies, with a request to expedite the invitations for the quotations therefor.

3. The arrangement arrived at with the Govt. of India regarding the purchase of the electrical or any other plant or stores was communicated to you in Govt. Endt. in Education and Industries Deptt., No. 8024-G, dated the 10-1-1949. It is regrettable to note that that the arrangement was ignored and tenders were invited by you direct in respect of various Grid Schemes. You are now requested to explain the reasons for the same.

4. In future, the arrangement arrived at with the Govt. of India should be rigidly observed in purchasing the plant and equipment required for the Grid Schemes.

By order etc.

D.A.- Nil.

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KCJai
21-12-49.

Letter. 59

No.2004/36-El(I). Public Works Department,
Bombay Castle (Bombay No.1),
23rd December 1949.

To

The Electrical Commissioner with the Government of Bombay.

Subject:- Utilisation of Jog power in the southern part of the Bombay Province: Steps to accelerate the Scheme.

Reference: Your letter No.T.8/1/15659, dated the 26th September 1949.

2. As already directed in paragraph 3 of Government Letter No.2004/36-El, dated the 29th July 1949, the purchase of equipment for the Jog power distribution Scheme should be made through the Director General of Industries and Supplies. The required specifications should be prepared and communicated very early to the Director General of Industries and Supplies, with a request to expedite the invitations of quotations therefor.

3. The arrangement arrived at with the Government of India regarding the purchase of the electrical or any other plant or stores was communicated to you in Government Endorsement in Education and Industries Department, No.8024-G, dated the 10th January 1949. It is regrettable to note that the arrangement was ignored and tenders were invited by you direct in respect of various Grid Schemes. You are now requested to report with full reasons all such cases.

4. In future, the arrangement arrived at with the Government of India should be rigidly observed in purchasing the plant and equipment required for the Grid Schemes.

By order of the Governor of Bombay,

For Secretary to the Government of Bombay,
Public Works Department.

D.O.:- Nil.

MAB/23/12/49.

57 61

Copy of telegram dated 21st December 1949 from the Chief Engineer Madras.

****

" REFERENCE YOUR DEMI OFFICIAL LETTER WE PURCHASE POWER PLANT AND EQUIPMENT DIRECT OURSELVES NOT REPEAT NOT THROUGH INDUSTRIES AND SUPPLIES DELHI FURTHER AM STRONGLY OPPOSED TO ANY ATTEMPT TO CENTRALISE SUCH PURCHASE AT DELHI LETTER FOLLOWS "

****

I.

57 63

OFFICE OF THE CHIEF ELECTRICAL ENGINEER IN MYSORE, BANGALORE.

EXPRESS TELEGRAM.

A D V A N I.

ELECTRICAL COMMISSIONER

B O M B A Y.

YOUR LETTER Mxxx H17(V)/21506 NINETEENTH STOP. ALL OUR REQUIREMEETS PURCHASED DIRECT.

H A Y A T H.

Mxxxx
Not to be telegraphed.

Bangalore,
23rd December 1949. CHIEF ELECTRICAL ENGINEER.

Memo.No. 28433 dated, Bangalore, 23rd December 1949.

POST COPY, in confirmation xx of tele gram, forwarded to Mr.P.B. Advani, Electrical Commissioner with the Govt.of Bombay,Electric Grid Offices,.Foreshore Road, Bombay 1, for information with reference to his D O. No. H.17(V)/21506 of the 19th December 1949.

Sd/
for CHIEF ELECTRICAL ENGINEER.

I

64

KANPUR ELECTRICITY SUPPLY ADMINISTRATION

Kesa House
P.O.Box No. 141,
Kanpur
Dated, December 22,1949

No. 5504/5553.

My dear Advani,

Many thanks for your D.O. No.H.17(V)/21506, dated December 19,1949, which I have just received. I have just sent an answer telegraphically. I enclose the confirmation copy of that telegram.

I am looking forward to meeting you in New Delhi on the 25th instant.

Yours ~~fai~~ sincerely,

Sd.K. G. Gupta.

Shri P.B.Advani,
Electrical Commissioner,
with the Government of Bombay.
Bombay.

Encl0: Confirmation copy of telegram.

isb/4-1-50.

Copy of telegram dated 22nd December 1949
from the Chief Engineer Kanpur.

****

" REFCE YOUR LETTER NO H 17 (V) / 21506 DATED NINETEENTH INSTT WE PURCHASE THROUGH DIRECTOR GENERAL INDUSTRIES AND SUPPLIES ONLY STANDARDISED ARTICLES COVERED BY RATE CONTRACTS STOP I DO NOT FAVOUR PURCHASE OF PLANT THROUGH THAT ORGANISATION "

****

I

~~15~~ 69

Copy of telegram dated 3rd January 1950 from the Electrical Department, Nagpur.

****

SHREE ADVANI ELECTRICAL COMMISSIONER BOMBAY 1 -

" YOUR DEM OFFICIAL NO H -17-(V) - 21506 OF 19th DECR REGRET DELAY HING OUT OF STATICN STOP WE ARE PURCHASING OUR REQUIREMENTS DIRECT - "

ISB/4-1-50.

47 71

D.O.No. C.233/Secy.
Office of the
Secretary to Government, East Punjab,
P.W.D. Electricity Branch
Simla dated the 29th December, 1949.

My dear Advani,

Reference your D.O. No. 17(V)/21506 dated the19 th December 1949.

All specialized equipments, such as, power plant and control gear for the generating stations and the main grid substations is purchased by us directly and not through the Director General, Industries and Supplies. The orders for the standardised articles such as copper conductors, low tension insulators, small transformers 11 kV.400 Volt switchgear etc. have not yet been placed but it is proposed to place orders for such articles for the Nangal Power Project, through the Director General, Industries and Supplies, as it is considered that agency may be useful for the purchase of such articles. Even for the latter type of articles, small quantities required for day-to-day requirements are being purchased presently directly in some cases and not through the Director General, Industries and Supplies.

Yours sincerely,

Sd. S. S. Kumar.

Shri P.B.Advani,
Electrical Commissioner with the
Government of Bombay,
Bombay 1.

GT 713

Copy of telegram dated 22nd December 1949 from the Chief Engr., Electricity, Orissa Government.

****

" 7281 YOUR NUMBER 21506 DATED NINETEENTH INST WE GET ONLY MATERIALS IN RATE CONTRACTS THROUGH ISD STOP OTHER MATERIALS LIKE POWER PLANT AND CONTROL GEAR ETC ARE PURCHASED BY OURSELVES DIRECT".

******

ELECTRICITY DEVELOPMENT
GOVERNMENT OF WEST BENGAL.

4, Hastings Street,
Calcutta
Dated 22/23rd December 49.

Ref: KCG8/5857

Dear Mr. Advani,

We refer to your D.O.letter No. H.17(V)/21506 dated 19.12.49 addressed to Mr. S.N.Bose,. Since Mr. Bose has retired from the service of the Government, the writer's replies to your queries are given as follows:-

> This Government purchases its requirements directly and not through the Dirctor Generalof Industries& Supplies, New Delhi. Our views on this subject are given in our letter reference 6742-Com dated 3.12.48, a copy of which is attached.

We confirm having sent you the following telegram today.

"This Government purchases power plant and control equipment H.T. & L.T. directly and not through D.G.I & S."

Yours sincerely,

Sd.P.K.Bhattacharya)

Encl0:- 1

P.B.Advani,Esqr.,
Electrical Commissioner
with the Government of Bombay, Bombay.

No.2004/36-El(1)

Public Works Department,
Bombay Castle (Bombay No.)
77 22rd December 1949.

To

The Electrical Commissioner with the Government of Bombay.

Subject :- Utilisation of Jog power in the Southern part of the Bombay Province Steps to accelerate the Scheme.

References: Your letter No.T.2/1/15659, dated the 26th September 1949.

2. As was already directed in paragraph 3 of Government letter No.2004/36-El, dated the 29th July 1949, the purchase of equipment for the Jog power distribution Scheme should be made through the Director General of Industries and Supplies. The required specifications should be prepared and communicated very early to the Director General of Industries and Supplies, with a request to expedite the invitation of quotations therefor.

3. The arrangement arrived at with the Government of India regarding the purchase of the electrical or any other plant or stores was communicated to you in Government E ndorsement in Education and Industries Department, No.3084-E, dated the 10th January 1949. It is regrettable to note that the arrangement was ignored and tenders were invited by you direct in respect of various Grid Schemes. You are now requested to report with full reasons all such cases.

4. In future, the arrangement arrived at with the Government of India should be rigidly observed in purchasing the plant an equipment required for the Grid Schemes.

By order of the Governor of Bombay

Sd.
for Secretary to the Government of Bom
Public Works Department.

D.A. nil.

ISE/4-1-50.

D.O.No.T.3|s-26| 22841
Electric Grid Offices, Foreshore Road,
Bombay 1 : 9th January, 1950.

Dear Bedekar,

In the afternoon of the 24th ultimo, the question of purchase of plant for Electric Grid Schemes was discussed by H.M.P.W.D.. It was then decided by H.M.P.W.D. that in view of the letter received by me from the Director-General of Industries and Supplies, New Delhi, the plant for which tenders have been invited and for which recommendations have been submitted to Government, may be purchased direct and that orders of Government to that effect would be communicated to me. At this discussion, I pointed out that specifications of electrical equipment have to be elaborate and before an order can be finalised, number of discussions on technical details take place between the likely suppliers and the departmental engineers. As all the manufacturers are represented in Bombay, and as they have their technical personnel in Bombay, it saves time to carry out discussion direct here. For these reasons, it will be difficult and delay matters if the orders for specialised plant are placed through the Director-General of Industries & Supplies.. We are already purchasing all our standardized articles through the Director-General of Industries and Supplies. I also stated that I had made enquiries from the various Provinces to see whether their electrical equipment was being purchased through the Director-General of Industries & Supplies. My enquiries were addressed to the Chief Engineers of Electricity, Madras, Mysore, the United Provinces, the Central Provinces, East Punjab, Orissa and West Bengal, and I have now received replies from all of them from which it is to be noted that none of them makes purchases through the Director-General of Industries and Supplies. Copies of these replies are attached for the information of Government..

East Punjab seems middle to follow course.

2. Since my return from tour, I have seen Government orders vide their letter No.2004/36-El.(I) dated 23rd December 1949 - copy enclosed for ready reference - that orders for equipment for use of Jog Power and other Grid Schemes must be made through the Director-General of Industries and Supplies. I will , of course, give effect to the orders contained therein. I woul

however, request that further consideration be given to the matter in view of the fact that none of the other Provinces make their purchases for specialised equipment through the Director-General of Industries and Supplies, and our following this procedure will delay matters and make completion of the schemes even more difficult than is the case at present. H.E.P.W.D. had asked me to obtain the above information from other Provinces and place it before him.

Yours sincerely,

P B Advani

C.V.Bedekar,Esqr., I.C.S.,
Secretary to Government,
Public Works Department,
Bombay.

Encl: 1 copy, each, of the replies received &
1 copy of the Govt.letter.

a/4.1.50.

EIBI 6/1
P. W. D.
File No. 2004/36
Serial No. 1108

2004/36
1108

Gl. Br (I). P.W.D.

Submitted with reference to
G.l. no 2004/36-El (I) of the 23rd Dec
1949 and paras 102 of the H.M's
minute, of the 12-12-49.

2. In view of the letter+ of the 14-12-49
from the Directorate Genl of Industries
& Supplies the Elect. comm. is now
being permitted to place orders
direct with the firms concerned in
cases where tenders have already
been invited & negotiations made
Such cases are to be reported to
the Secy., Ministry of Industry & Supply,
with reasons - vide secys note of the 24.12.49
on p. 233 of file no 7161/36-Ik.

3. The El. comm. has so far been
permitted to place orders direct
with the firms concerned in the
following cases. Amount of order

(1) Plant & equipment for
the electrification of towns
in Bijapur, E.K & Belgaum
Rly

Rs 14,02,010

+ File No 7161/36 T.
p. 22 ante
Secy's note
Secy's note

2004/36
1108

~~28~~ 8'2

(2) + Line materials for 22 KV transmission line of the South Gujarat El. Grid scheme. 1,35,200

+ Fd. 4 ... c.

(3) + 33 KV, 11 KV & 6.6 KV insulators for North Gujarat El. Grid Scheme 1,72,910

+ Fd. 7161/6 ... p 237 - Sch. IV

(4) + 11 KV fuses for H.T. consumers in North Gujarat El. Grid Scheme 2,400

+ Fd. ... 8134

The first two items are those referred to in para 3 (p 50) of the H.M's minute of the 12-12-49.

4. In the circumstances explained in this d.o. within the El. Commr may ~~reduce~~ 79.80 requests further consideration of the orders issued to him in ~~12 & 5~~ 12 & 5 E.L. no 2004/36 E.L (I), of the 23-12-49, to the effect that orders for equipment for ~~for~~ power distribution scheme & other grid schemes should be placed thro' the Dir Genl of Industries & Supplies

For order
14/1/50

RS
Secy
14/1

14/1/50

Have no details of the plant & machinery in question but

Ph 83

approximate cost & date when
the items are required by the
commission ?

Ph
(c)1

Letter.

No.T.8|S-24 23502
Electric Grid Offices,
Foreshore Road,
Bombay 1: 13 — January 50.

To

The Director General of Industries
& Supplies,
Sahajahan Road,
New Delhi.

Subject :- Jog-Karnatak Electric Grid Scheme -
Inquiry for substation equipment.

The Government of Bombay have decided to undertake a Grid scheme for the distribution of about 11,800 kW of electric power in the Karnatak, to be purchased from the Jog System of the Mysore Government. Accordingly, specifications were prepared and quotations invited from a few selected firms specialising in the manufacture of what are called 'Package substations', which are easy to instal and maintain, and which, therefore, fit the requirement well. The inquiries were sent to the following firms :-

1) Messrs. International General Electric Co.(India) Ltd.,
Ballard Estate, Bombay.
2) " Westinghouse Electric Co. (India) Ltd.
Ballard Estate, Bombay.
3) " Volkart Bros., Ballard Estate, Bombay.
4) " Associated Electric Industries (India) Ltd.,
Ballard Estate, Bombay.
5) " English Electric Co. Ltd.,Bombay.
Eruchshaw Buldg.,249,Hornby Road,Bombay 1.
6) " Eastern Equipment and Sales Ltd.,C/o.
Birla Bros. Ltd., 8 Royal Exchange Place,
Calcutta.

2. The tenders are not received, the last date for receiving them being 31st January , 1950.

3. I have been instructed by the Government of Bombay to place the orders for the plant and equipment for the Jog-Karnatak Electric Grid Scheme through your department. I am, therefore, sending herewith two copies of the inquiry together with blue-prints for the substation equipment for the scheme. I am also instructing the above-mentioned firms to send the tenders in sealed covers directly to you and not to this office. You may, however, decide whether the inquiry may be addressed to more firms, and if so, you may invite them to quote also. I shall be glad if you will kindly let me have one copy of the tenders after they are received together with the comparative statement and your recommendations, so that I may obtain authorisation from the Government of Bombay, and send indents on you to place the order on our behalf. Further enquiries for plant for the Jog Scheme will not be issued from this end, but I shall send you the specifications for the plant for further action.

4. I shall be obliged if this is treated as very urgent.

Sd P.B. Advani.
Electrical Commissioner
with the Govt.of Bombay.

Encl: 1) 2 copies of specification.
2) 2 copies of drawing No.J/233.
3) 2 copies of drawing No.T/242.

✓Copy , forwarded with compliments for information to the Secretary to Government of Bombay, Public Works Department, with reference to Government letter No. 8004/36-EL(I) dated 23-12-1949.

ish/12.1.

BL Bx.(1) 1411
P. W. D.
File 2004/36
3596

87 ~~83~~

2004/3C
3590

E(.Br (I). P.W.D.

Resubmitted with reference to the Secy's query on ~~78-79~~ 82 83 ante.

2 The inform^n req^d by the Secy is not available in this office & may be called for from the Genl Comm^r. From the reference ~~made~~ 85 made req^d from the Genl. Comm^r on p ~~81~~ 84 ante it will be seen that he has already approached the Dir Genl of Industries & Supplies as

2004/36
3590

~~54~~ 88 ~~53~~ 89

instructions in G.I. No 2004/36 El (I),

dt the 23-12-49.

~~41~~
16/1/50

kmj 16/1/50

D.S

The Elec. Commr should comply very
with the orders relating to purchases
through the Dig. I&S — except
in cases where Govt. allows him
to make direct purchases. He will
have to make out a case for permission
to make direct purchase. He may be
informed accordingly

16/1

To avoid the reply from D.of P&S, Govt of India, that
Electricity Commissioner's letter (Vide page 8/ante) dtd 15-1-50

Govt clerk
16/1
2011

~~P~~ 89

No.T.8/S-2/ 24202
Electric Grid Offices,
Foreshore Road,
Bombay 1 : 20th January, 1950.

To

Messrs.

Sub:-Jog-Karnatak Electric Grid Scheme -
Substation Equipment.

Ref:-This office letters No.T.8/S-2/17589
of 26-10-49 and No.T.8/S-2/21860 of 15-12-49.

Dear Sirs,

Since the issue of the above enquiry, it has been decided that orders for our above requirements should be placed through the Director General of Industries & Supplies, Shahajahan Road, New Delhi. Hence you are requested to send direct to that officer two copies of your sealed tenders so as to reach him before the due date viz., 5 p.m. on 31st January, 1950.

You may kindly mention in your covering letter that you are sending the tender to him direct under instructions of this office and with reference to this office P 81 letter No.T.8/S-2/23502 dated 13-1-50 to the Director General of Industries & Supplies, New Delhi.

Thanking you,

Yours faithfully,

VRVaidya

Superintending Engineer(Transmission),
for Electrical Commissioner with the
Government of Bombay.

Copy f.w.c. to The Secretary to Govt, P.W.D., Bombay, P 55 for information with reference to G.L. No. 2004/36-EL(I) dated (24).12.1949.

C/-
19/1/50.

P. W. D.
File No. 2004/31
Serial No. 5896

71 87 2004/36

5896

El. Br (I) P.W.D.

Submitted for information with reference to E.L. No 2004/36 El (I) dt the 23.12.49 & the subsequent proceedings on the 75-84 ante.

Await.

Evidence thereof is to be found on the 25/1/50

DS.

25/1/50

Await in Br (5-2-50)

25/1

IMMEDIATE.

No. A.8/ 2235
Electric Grid Offices,
Foreshore Road,
Bombay 1: 24th February 1950.

To

The Secretary to Government,
Public Works Department,
Bombay.

SUBJECT :- Supplementary demands.

REFERENCE:- Government P.W.D. letter No.
P.244-A(II) dated 18.2.1950.

MAJOR HEAD:- 81-A Capital Outlay on Electricity Schemes-

Items 62: Equipment and survey work in connection with utilization of Jog Power - Government letter No. 2004/36-~~EI~~ EL dated ~~24~~ 29.7.1949.

Item 63:- Jog Karnatak Grid Scheme - Survey of Transmission Line - Government letter No. 2004/36/88542-EI(I) dated 31.12.1949.

No expenditure is likely to be ~~increased~~ incurred on the above mentioned two items during the current year. I have therefore to request Government that the token provision of Rs 2000/- asked for in my application for re-appropriation of funds vide letter No. A.8/1440 dated 14.2.1950, (Item 13) may please be treated as cancelled.

P B Advani

Electrical Commissioner
with the Government of Bombay.

MTB/24.2

90
97

A.B. (III)

Submitted.

2. Pl. see para 5 of the Sl. at p. 35. p.36.

No expenditure will be incurred under the head 81-A. However expenditure on estabt. under the head 52-A- has been incurred for which a supply demand has been forwarded to the F.D. separately. The A.G and F.D. may be informed that no expenditure will be incurred under '81-A' as per draft putup for approval.

3. As regards the other item the A.G & F.D. has been informed on the file concerned.

3/5.

Kh/3/5

P. L. D. 2004/56
File No. 12-24/
Serial No. 157

P.M.G 25/2

·75 Letter. 91.

No. 2004/86-A(III).

P. W. Deptt.,
B&C, (B'bay No. 1) 6th March 1950

To

The A.G., Bombay.

Subject:- Equipment and Survey work in Connection with utilization of Jog Power

Refee:- Para 5 of Govt. Endt. No. 2004/86-E, p.36 dt. the 29.7.49.

2 The Elect. Commr. with the Govt. of B'bay has reported that no expenditure is likely to be incurred in the current financial year on the work mentioned above under the head p.89

81-A...

~~22~~. 9/3

"81-A- Capital Outlay on Electricity Schemes"

D.A. Nil.

By Order etc.,

Copy forwarded to the F.D. for information.

~~2/3/50~~ 2/3/50.

1/3/50

F. N 3/3 & note

D.F.

Issued
F4/3/50

9-7

No.SE2/263A/III,
Directorate General of Industries & Supplies,
Shahjahan Road, New Delhi.
Dated, the 3rd Feb.,1950.

To

1. I.G.C.,Bombay
2. Volkart Bros,Bombay.
3. A.E.I.,Bombay.
4. English Elec.Co. Bombay.
5. Westing house, Bombay,
6. Eastern Equipment & Fabrication, Calcutta.

Subject :- Jog Karnatak Electric Grid Scheme-
Substation equipment.

Dear Sirs,

With referenee to the enquiry issued to you, by the Electrical Commissioner to the Govt.of Bombay vide his letter T.8/S-2 for the above, I am to inform you that placement of orders would be done by this office and would request you to submit your tender in duplicate to this office before 4 P.M. on 23-2-50. The tend-ers would be opened at 11 A.M. on 24-2-50.

The specification forwarded to you is amplified in the Specn P.I.114E, a copy of which is attached herewith.

Kindly acknowledge receipt.

Yours faithfully,

Sd. K.N.Shenoy,
Assistant Director (Supplies),
for Director General,Industries & Supplies.

Copy to :-

The Electrical Commissioner with the Govt.of Bombay, Electric Grid Offices,Bombay with ref. to his letter No.T.8/S.2/23502 dated 13-1-50.

P.T.O

To regularise the transaction you are hereby requested to submit your indent in triplicate in form N.W.S.B.67 (attached herewith). An early action is requested.

11

Enclo: as above.

Sd/-
for Director General (I. & S.)

isb/23.2.

W.S.B.67

GOVERNMENT OF INDIA.

INDENT ON THE DIRECTOR GENERAL OF INDUSTRIES & SUPPLIES, NEW DELHI. / DIRECTOR GENERAL OF DISPOSALS, NEW DELHI. / REGIONAL COMMISSIONER (DISPOSAL).

PEACE

1. Indentors' No. T8/C-2 dated .

2. Reference to any previous correspondence in connection with the articles included in this indent: Electric Grid Office lette No.T8/S-2/23502 dt.13-1-50. Your letter No.S 2/263A/III dated 3-2-50.

3. Indenting Department: Electric Grid Department, Government of Bombay.

4. Telegraphic Address: ELGRID BOMBAY.

5. In case of a Provincial Government Department, State name of Province. Bombay.

6. Has the certificate of funds been filled in, or is a treasury receipt attached to cover the cost of stores and Departmental fees? Yes. NF.

7. Designation of the Accounts Officer: Accountant General, Bombay. BOMBAY.

8. Head of account to which cost is debitable. 81 A Capital Outlay on Electricity Schemes.

9. In the case of the purchase of stores involving dollar exchange, has the requisite allotment of dollar exchange been sanctioned by the competent financial authority? Nil At present.

10. Stores to be consigned to -

(1) Designation of Receiving Officer. Electrical Commissioner with the Govt. of Bombay,

(2) Railway Station, to stations as mentioned in the statement.

(3) Postal Address.

(4) Telegraphic Address.

11. Store to be booked ~~by goods/passenger train at owner's~~ insured on rail. Railway risk.

12. Freight ~~to pay~~ paid.

13. Inspection to be carried out by the purchaser. Yes.

14. Any special instructions.

15. Financial Certificate.

I certify that the expenditure involved has received the sanction of competent financial authority and that funds are available under the proper head in the sanctioned budget allotment of the Indenting Department for the year 19

for Electrical Commissioner with the Government of Bombay.

IJB/22.2. Signature & designation of the Indenting Officer.

Item No.	Description of Articles	Specification No. or other particulars & actual use to which the store will be put to guide supply.	Accounting unit.	Number or Quantity.	Estimated cost: Rate per unit.	Estimated cost: Total
1	2	3	4	5	6	7
					Rs lakhs	Rs. lakhs
1	Sirsi 1000 kVA 110/11 kV sub-station consisting of 110 kV single line tapping, disconnecting switches ~~and~~ and fuses, one transformer connected and another spare one 11 kV transformer O.C.B. unit, four 11 kV feeder OCB units, complete with necessary LAs,CTs,PTs meters and relays,25 kVA station Service Transformer eqt., Battery set charging equipment and necessary structures	Letter No. T8/S-2/23502 dated 13-1-50 and the specification sent with it.		~~sub-station~~		4.31
2	Kavalvad 110 kV switching station consisting of 110 kV incoming disconnecting switch,110 kV bus, and two 110 kV outgoing OCB units with necessary tripping battery and charging equipment and structures.	"				4.05
3	Dandeli 5000 kVA 110/11 kV sub-station consisting of 110 kV incoming Disconnecting switches with fuses, one transformer connected and another spare one 11 kv transformer OCB unit, eight 11 kV feeder OCB units complete with necessary LAs,CTs,PTs meters and relays,50 kVA station service transformer equipment,Battery and charging sets, and necessary structures.	&				6.25
4	Hubli 7000 kVA 110/33/11 kV Receiving station consisting of 110 kV incouring disconnecting switch,110 kV Bus,two 110 kV disconnecting switches with fuses each connecting to one 5000 kVA 110/11 kV and 2000 kVA 110/33 kV transformers,one spare 5000 kVA 110/33/11 kV transformer					16.00

Date of delivery (if delivery by instalments is required, details of instalments should be given by dates at monthly or weekly periods).	Destination	Remarks in the purchase organization.	Particulars of action taken (No. and date of order placed or No. and date of Transfer Memo. to other Purchase Circles or No. and date of Extract from Indent given to other Purchase Sections/ Circles).
8	9	10	11
Preferably within 12 to 18 months from the date of placing orders.	F.O.R.Hubli.		
"	"		
"	F.O.R.Dandeli.		
	F.O.R. ~~Kundgol~~ -Hubli.		

102

W.S.B.67

GOVERNMENT OF INDIA.

INDENT ON THE DIRECTOR GENERAL OF INDUSTRIES & SUPPLIES, NEW DELHI
DIRECTOR GENERAL OF DISPOSALS, NEW DELHI.
REGIONAL COMMISSIONER (DISPOSAL).

1. Indentors' No. dated

2. Reference to any previous correspondence in connection with the articles included in this indent:

3. Indenting Department:

4. Telegraphic Address:

5. In case of a Provincial Government Department, State name of Province.

6. Has the certificate of funds been filled in, or is a treasury receipt attached to cover the cost of stores and Departmental fees? YES.

7. Designation of the Accounts Officer. BOMBAY

8. Head of account to which cost is debitable.

9. In the case of the purchase of stores involving dollar exchange, has the requisite allotment of dollar exchange been sanctioned by the competent financial authority?

10. Stores to be consigned to -

(1) Designation of Receiving Officer.

(2) Railway Station.

(3) Postal Address.

(4) Telegraphic Address.

11. Store to be booked by goods/passenger train. at owner's/Railway risk.

12. Freight to pay.

13. Inspection to be carried out by the purchaser.

14. Any special instructions.

15. Financial Certificate.

I certify that the expenditure involved has received the sanction of competent financial authority and that funds are available under the proper head in the sanctioned budget allotment of the Indenting Department for the year 19

Signature & designation of the Indenting Officer.

Item No.	Description of Articles	Specification No. or other particulars & actual use to which the store will be put to guide supply.	Accounting unit.	Number or Quantity.	Estimated cost	
					Rate per unit.	Total.
1	2	3	4	5	6	7
					Rs	Rs.lakh
4 Contd.	one 11 kV and 33 kV transformer OCB units, 8-11 kV feeder OCB Units, 2-11 kV OCBs for two 3000 kVA synchronous condensers complete with equipment, one 100 kVA station service transformer equipment, ~~xxxx100xkVA~~ all complete with necessary LAs CTS PTs, meters and relays, Battery and charging equipment and structures.					
5	Gadag 2000 kVA 33/11 kV sub station consisting of 33 kV incoming disconnecting switches and fuses, and other equipment similar to that of Sirsi substation but the transformer being 2000 kVA, 33/11 kV.					3.09
6	Dharwar 11 kV substation consisting of one incoming and 4 feeder 11 kV O.C.B units with 11 kV bus, and necessary LAs, CTs, PTs, meters and relays, 25 KVA station service transformer equipment, Battery and charging equipment and necessary structures.					1.46
7	Harihar 2000 kVA 66/33 kV substation consisting of one 66 kV OCB unit, two transformers one connected and one spare- one 33 kV outgoing OCB unit with necessary LAs, CTs, PTs, meters and relays, Battery and charging equipment and necessary structures.					3.49
8.	Ranibennur 1000 kVA 33/11 kV substation with equipment similar to Sirsi substation but HT voltage being 33 kV.					2.95
9.	Byadgi 1000 kVA 33/11 kV substation similar TO GadagS/station but will 1 extra 11 kV feeder OCB Units.					3.18
10.	Haveri. 11 kV substation similar to Dharwar substation.					1.46
						46.24

Total Rs. 46.24 lakhs.

f delivery livery by ments is ed, details talments be given es at y or weekly periods).	Destination	Remarks if the purchas organizatin.	Particulars of action taken (No. and date of order placed or No. and date of Transfer . Memo. to other Purchase Circles or No. and date of Extract from Indent given to other Purchase Sections/ Circles).
8	9	10	11
	F.O.R. GADAG		
	F.C.R. DHARWAR		
	F.O.R.HARIHAR		
	FOR Ranibennur		
	FOR Byadgi		
	FOR Haveri.		

Very Urgent.
Letter.

No.T.8/12/ 2286
Electric Grid Offices,
Foreshore Road,
Bombay 1st Feb 50.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject :- Jog Karnatak Electric Grid Scheme-
Placing indents with the Director
General of Industries & Supplies.

Under instructions of Government in Government letter No.2004/36-El(I) dated 23-12-1949 I requested the Director General of Industries & Supplies, New Delhi to invite tenders from firms for the substation equipment for the Jog Karnatak Scheme (vide copy of my letter No.T8/S-2/23502 dated 13-1-50 sent to Government). The Director General of Industries and Supplies has fixed 23-2-50 as the last date for the tenders and to regularise the transaction wants the submission of the indent for the equipment required (vide copy of his letter No.SE 2/263A/III dated 3-2-1950 enclosed).

2. I am enclosing herewith a proforma of the indent to be submitted to the Director General of Industries and Supplies. The approximate cost of the equipment to be ordered will be about 46 to 47 lakhs. About Rs. 10 to 11 lakhs will have to be paid as advance when order is placed with the selected firm. I request Government to authorise me to send this indent to the Director General of Industries and Supplies.

Unless otherwise arranged, placing an indent on the Director General of Industries and Supplies is equivalent to instructing him to purchase the material. The normal procedure is that he issues the enquiry, selects the supplier, places orders and advises the indentor. In the present case however as the equipment is of a specialised nature and technical considerations are involved I propose to request the Director General when sending the indent to him, to forward to me the tenders with tabulated statements and notes for scrutiny and to place the orders thereafter in consultation with me.

3. The detailed plans and estimates for the above scheme are being worked out but on account of shortage of some of the staff particularly the Executive Engineer, it will not be possible to submit them early.

4. I request very early approval of Government regarding para 2 above.

P Bhadram

Electrical Commissioner
with the Govt.of Bombay.

Encl: 1) One statement(Two sheets)
2) Copy of letter from the
D.G.I.&S.

ISB/24.2.

Very Urgent.
Letter.

No.T.8/12/2286
Electric Grid Offices,
Foreshore Road,
Bombay 1:the 25th Feb.50.

To
The Secretary to Government,
Public Works Department,
Bombay.

Subject :- Jog Karnatak Electric Grid Scheme-
Placing indents with the Director
General of Industries & Supplies.

Under instructions of Government in Government letter No.2004/36-El(I) dated 23-12-1949 I requested the Director General of Industries & Supplies, New Delhi to invite tenders from firms for the substation equipment for the Jog Karnatak Scheme (vide copy of my letter No.T8/S-2/23502 dated 13-1-50 sent to Government). The Director General of Industries and Supplies has fixed 23-2-50 as the last date for the tenders and to regularise the transaction wants the submission of the indent for the equipment required (vide copy of his letter No.SE 2/263A/III dated 3-2-1950 enclosed).

2. I am enclosing herewith a proforma of the indent to be submitted to the Director General of Industries and Supplies. The approximate cost of the equipment to be ordered will be about Rs 5 to 47 lakhs. About Rs. 10 to 11 lakhs will have to be paid as advance when order is placed with the selected firm. I request Government to authorise me to send this indent to the Director General of Industries and Supplies.

Unless otherwise arranged, placing an indent on the Director General of Industries and Supplies is equivalent to instructing him to purchase the material. The normal procedure is that he issues the enquiry, selects the supplier, places orders and advises the indentor. In the present case however as the equipment is of a specialised nature and technical considerations are involved I propose to request the Director General when sending the indent to him, to forward to me the tenders with tabulated statements and notes for scrutiny and to place the orders thereafter in consultation with me.

3. The detailed plans and estimates for the above scheme are being worked out but on account of shortage of some of the staff particularly the Executive Engineer, it will not be possible to submit them early.

4. I request very early approval of Government regarding para 2 above.

P B Advani
Electrical Commissioner
with the Govt.of Bombay.

Encl: 1) One statement(Two sheets)
2) Copy of letter from the D.G.I.&S.

ISB/24.2.

P. W. D.
File No. 2004/3/6
Serial No. 15964

...are necessary in the Specification
...& Sheet for Jog-Kernahal Scheme.

...to be made	Reasons for making the correction	Remarks.
5	6	7
...be P.O.R. Talaguppa	This is the nearest Hly. Station to Jog Power House.	
...ed.	110 kV lightning arresters are neither pole mounted nor have rupturing capacity.	
...g Switch.		
...nge 0-40 kV	The range should be for 11 kV side.	
...e 0-60 amps.		
... to be omitted.	A KWHM will not indicate the kW & load also.	This is applicable to Parts IV & V.
... omitted.	For single circuit radial feeders Directional relays will not suit.	This is applicable to corresponding items in Parts III, IV, V, VI, VIII, Item Nos. 1, 2, 3, 4.
...30% to 200% of		-- do --
...ays should be ...ving No. J.232. ...e 10% to 40%	The system of protection is overload and earth leakage. So earth leakage relays should not have been omitted.	This is applicable to corresponding items in Parts III to VIII. For item Nos. 1 to 4 the settings of earth leakage relays are not 10% but as mentioned in column (5)
...ansformers	Also see remark under serial No. 21 below.	
...type was.		
...ays should be		

Statement showing changes and modifications [illegible] issued by the Director General of [illegible]

No.	Reference to the specification issued by D.G. [illegible]	Item	As mentioned in the specification	Correction
1.	Page 1	Part I	(1) Switchgear for Jog F.O.R.Hubli.	This shoul[illegible]
2.	Page 1	Part I	(2) Pole mounting lightning arresters .... rupturing capacity of 1000 MVA.	To be omit[illegible]
3.	Page 2	Part II (d)	Type changing switch	Tap Changi[illegible]
	Page 2	Part II(ai)	Voltmeter range 50-200 kV	Voltmeter [illegible]
5.	Page 2	Part II(aii)	Ammeter range 0-20 amps.	Ammeter [illegible]
	Page 2	Part II(aiv)	KWH 3 phase unbalanced load indicating.	"indicatin[illegible]
7.	Page 2	Part II(av)	Directional overcurrent relay	This shou[illegible]
8.	Page 2	Part II(av)	Relays settings 10%, 20%, 50%, 100% full load.	These sh[illegible] full lo[illegible]
	Page 2	Part II(av)	Omitted	Earth [illegible] added [illegible] The set[illegible] full lo[illegible]
10.	Page 2		Omitted	Curren[illegible]
11.	Page 3	Part II (bii)	Capacity of fuse 2 amps.	Capac[illegible]
12.	Page 3	Part III(bii)	110 kV O.C.B.Rupturing capacity 100 MVA	The [illegible] 1000[illegible]

To 3.

107

5	6	7
should be 10% load.		
transformers	Potential transformers are not necessary for Kavalval Substation	
steel enamelled		Panel boards of all the Sub-station should be of black sheet steel enamelled plates.
fuses		
tap changing ±2½%, ±5%,		These taps are required for all the main transformers in the Substation.
is 11 KV		
0-400 amps.	This amperage is necessary	Applies to corresponding item in Part V.
for serial Nos. 6 to 9 above ----------		
nsformers for each potential trans- 000 VA will be this sub-station.		applicable in the other substations. For every feeder and P.Tr. at Kachchi and P.Ts. for other Gu ns will be required.
should be 110/11 er for 110/33-11 ing type.	The double ratio transformer is meant only as a spare for both 33 & 11 KV side.	Item No. 17 above applies to this item also.
	Why there is a mention of 33 KV on the 11 KV side is not understandable.	See remarks re. Nos. 20 above.

2	3	4	
Page 3	Part III(biv)	Same Remarks as for serial Nos. 7 to 9 abo	
Page 4	Part III(cv)	High speed Earth leakage relays settings 0-10% of full load.	The settin to 40%full
-do-	Part III(cvi)	Current and voltage transfor-mer.	Omit volta
-do-	Part III(d)	Cyndanyo Panel	Black shee panel.
-do-	Part IV (b)	Capacity of gears	Capacity o
-do-	Part IV (c)	Omitted	~~EHT~~ off lo switch for = 7½.
-do-	Part IV (d)	O.C.B. 110 kV with rupturing capacity 100 MVA.	The voltag
-do-	Part IV (di)	Ammeter range 0-100 amps.	The range
-do-	Part IV (d iii to v)	---------- --	Same remarks
-do-	Part IV (e)	Omitted.	Current Tr feeder and formers of required f
Page 6	Part V (II b & c).	5000 KVA 110/33/11 KV Trans-formers.	One of the KV & the o KV two wind
-do-	Part V(IIe)	Capacity of 3 feeders will be based on a maximum current of 300 amps. at 11 kV or 10 amps. at 33 kV.	Omit.

5	6		7

be omitted.

r on H.T. & L.T.
Transformer should
or 200 kVA.

ver in our specifica-
luded.

eakers O.C.Rs are necessary.

tops as per No.

s # above.

tps as per No.

e above.

e above.

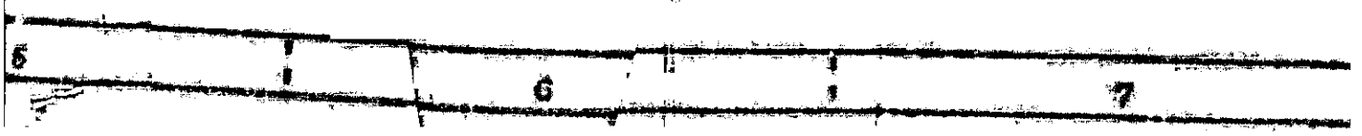
ncoming & 2 out-
ers with meter,
MM & relays as
per substation.
rectional over-
nt and other equip-
erial Nos. 8 & 9

ssary for these

O.C.R. and two
s. with MM
nt and 400 kW for
MM & necessary relays
ations. No directional relay is required.

1	2	3	4	
	Page 5	Part V(IIf)	Lightning Arresters 11/33 kV	33 kV has t
	Page 5	Part V(IIg)	Switchgear for 100 kVA Station, service Transformer same as for (g) Part IV but with 100 kVA Transformers.	The switchg sides of th be suitable
	Page 5	Part V(IIh)	Condensers - Size not stated	Details as tion to be
	Page 5	Part V(IIh)	Condensers Airbreak switch	Oil Circuit
	Page 6	Part V(IIIb)	1000 kVA 110/33 kV Transformers	H.T. off le 17 above.
	-do-	Part V(IIIc-iv cv).	Same remarks as for serial Nos.	
	Page 6	Part VI(c)	2000 kVA 33/11 kV Transformers	H.T. Off le 17 above.
	Page 6	Part VI(div & dv)	Same remarks as for serial Nos.	
	Page 7	Part VI(eiii & eiv).	Same remarks as for serial Nos.	
32.	Page 7	Part VI (ev)	Same remarks as for No. 21 above.	
33.	Page 7	Part VII(a&b)	Oil Circuit Breakers 11 kV	There will going 11 kV kW(750 kW) mentioned f There will current pro ment simila above.
34.	Page	Part VII(a&b)	High speed earth leakage relays	These are n feeders.
35.	-do-	Part VIII(a) & (b).	C.T.Rs.	One incomin feeder 11 k (750 kW for outgoing fe as for othe

1	2	3	4	
36.	Page 8	Item No. 1(ai)	Ammeter Range 0-25 amps.	Range 0-50 amps.
37.	"	Item No. 1(aii) & (civ)	Directional overcurrent relay Unit. See rem	
38.	"	" (aiii) &(av)	Induction overcurrent relay	For settings see
39.	"	" (ci)	Ammeter Range 0-50 Amps.	Range 0-100 amps
40.	"	" (cvi)	Settings of earth leakage relay	See remark
41.	"	" (b)	Tappings for E.H.T. side of Transformers.	See remark No.
	Page 9	Item No. 2(cii) &(civ) &(fiii)	Directional overcurrent relay Unit , See rema	
	"	" (cv) &(fiv). (ciii)	Induction overcurrent relay.	For setting see
	"	" (c)	Tappings for Transformers	See remark No. 17
	"	" (e)	C.C.B. 400 amps., 20 kV, 250 MVA.	This should be 11
	"	" (cvi)	Earth leakage relay	The settings shou in No. 8 above.
	"	" (fi)	Fuses 2 amps.	Fuses 20 amps.
	Page 10	" (hii)	Air Break Switch: Switch Capacity 8, Fuse capacity 5.	Switch capacity 8 use Capacity 4
	"	38 Specifications.	(i) All switchgears and Transformers equipment to be of outdoor type.	Yes. But the sync will be inside th
			(ii) The Switchgear and Transformer equipment.... shall be mounted on a suitable mild steel structure.	The transformers be erected on sui foundations and c connecting switch fuses will be mou tures.
			(iii) Structure having minimum height from ground to top of 12 ft.	12 ft. is minimum bars and not of s
			(iv) Insulators- Not fleshover value of Post insulators and sus- pension insulators.	The whole paragra changed as given ection.



For serial No. 7 above.

remark for serial No. 8 above.

for serial No. 8 above.

7 above.

k for serial No. 7 above.

mark for serial No. 8 above

above.

kV, 100 mVA.

l be as given

Amps.
amps.

roncus condensers
building.

O.C.Bs. will
able concrete
ly the dis-
, bus-bars and
ted on struc-

reight of bus-
ructures.

to be
the remarks

The dry
levels
kV ins
standar-

The insulation of the post
insulators, disconnecting switch
insulators, O.C.Bs. bushings
and transformer bushings
the Sub-

6	7

insulators the rating of 500 KV dry and 470 KV wet the Director General of Industries & Supplies specification corresponds to 220 KV lines (Ref. Tables 1 & 2 of D.G.S. 137/1941) and they will require 10 to 11 discs. We propose to use 9 discs and insulation level corresponding to 330 kV dry and 230 kV wet as in the remarks column.

The minimum dry and wet flashover levels of suspension insulators of 110 & 66 kV & of pin insulators of 33 & 11 kV lines are as follows:-

Line kV.	Insulators	Minimum 50 cycle flashover levels kV.	
		DRY	WET.
110	7-10"x5½" discs.	330	230
66	5- -do-	255	230
33	Pin	116	95
11	Pin	74	53.

NOTE:- The above minimum flashover levels are without the use of arcing horns. Insulators at approach spans of sub-stations will be provided with adjustable arcing horns on 110 and 66 kV lines which can be set suitably to assist impulse coordination.

...s shall have ...lectrical & ...rength. ...

...e suitable for ...cked with D.C. ...ball key and

... shall be designed ...ash or equi- ...an Standard.

...o. 52 above.

...

...ern of like ...l be designed ... parallel.

...equired. Outdoor ...ot generally

... remarks will apply to other ... references in the specification.

See next page for general remarks.

50.	Page 10	Insulators	Insulator strength 500 lbs. for suspension and 2000 lbs. for tension.	All insulat 12000 lbs. mechanical
51	Page 11	Air Circuit Breaker.		These shall being inter be..... by locks.
52.	"	Oil Circuit breaker.	Ref. to B.S. 116.	The equipmen either to B valent Amer
53.	"	Metering equipment.	Reference to B.S.	See remark
54.	Page 12	Transformers	E.H.T. taps. - 7%	This is - 7
55.	"	"	All transformers shall be designed to operate in parallel.	All transfo voltages sh to operate
56.	Page 13	Busbars etc.	Busbars shall be painted	This is not busbars are painted.

115

The following general remarks are also made:-

1) There are some typist's mistakes throughout the specification, particularly spellings of technical words such as "fidsses", "buss-bars", and "Lightening Arresters"

2) The quantities of the equipment required are mentioned in some cases and omitted in some others throughout the schedule of requirements.

3) Off load taps on H.T. windings of transformers, viz. ± 2½%, +5% and +7½% are required for all main transformers, but mention is made only in the case of some.

4) Mention is not made that the bushing CTs are to be of multi-ratio. They should be of multi-ratio.

5) Relay settings for overload relays to be 50 to 200% and for earth leakage relays 10 to 40% as detailed in serial Nos.8 and 9 above.

6) All control panels to be of enamelled black sheet steel and not synthanys.

7) Directional relays are not necessary for the system, except at Nirsagar.

8) Only the number of PTs as mentioned in the corrections above are required.

9) The equipment offered may be according to the British Standards or the equivalent American standards.

10) All the decisions arrived at, at New Delhi on 28-1-50 as contained in this office letter No.T.8/8-2/604 of 4-2-50 should be specified.

C/-
17/2/50

URGENT.
Letter.

117

No. T 8/12/1737
Electric Grid Offices,
Foreshore Road,
Bombay 1 : 18th February, 1950.

To

The Director General of Industries & Supplies,
Shahjahan Road,
New Delhi.

Sub:-Jog-Karnatak Electric Grid Scheme -
Substation Equipment.
Ref:-Your letter No. SE 2/263A/III dated 3-2-50. p93

I invite reference to the above letter, attaching a copy of supplemental specification, giving additional details for the specifications issued by this department and asking a few more firms to quote, the last date for tendering being 4 p.m. on 23-2-1950.

2. The supplemental specifications issued by you requires substantial modification as per attached statement. I shall be obliged if this matter is considered very urgently and the firms in question addressed accordingly. This may mean the final tendering will be delayed. I, therefore, suggest that you ask the firms to quote as per my specification and alternatively as per the detailed specification(with modifications as per enclosure) issued by your department. I also believe that the delivery period offered per for the standard equipment proposed in my specification may be shorter than for the equipment specified by you.

3. As Government are anxious that there should be no delay in the execution of this scheme, they would like to have the prices and delivery periods for standard equipment in accordance with the specifications issued by me and as well as for equipment as per detailed specification issued by you.

(Sd) P. B. Advani
Electrical Commissioner
with the Government of Bombay.

Encl:-1 Statement (6 pages)
S/-
P.T.

 No.T.8/12/ 2412
Bombay 1 : 28th February,1950.

Copy, forwarded with compliments, to the Secretary, Public Works Department, Bombay with a copy of the enclosure. This letter is issued in accordance with the desire of Mr.M.the Hon'ble the Minister, Public Works Department, who expressed to the undersigned personally that the Director General of Industries and Supplies should be requested to ask the firms to quote as per this office specification and alternatively as per the Director General of Industries and Supplies' specification, to save delay.

Electrical Commissioner
with the Government of Bombay.

C/-
20/2/50

P. W. D.
File No. 2004/36.
Serial No. 17058

119 #7 ~~115~~

2004/36

15964 & 17058

El. Br (I). P.W.D.

b99

Please see Elect commr's letter of the 25.2.50. The approximate cost of the equipment to be ordered for the 3rd power distribution scheme will be about rs 46 to 47 lacks & about rs 10 to 11 lacks will have to be ~~paid~~ when order is placed with the selected firm. In the circumstances explained by the Elect commr it is for consideration whether ~~the~~ he may be authorised to send the indent (W.S.S.-97) to the Dir genl of supplies & disposals in anticipation of the formal administrative approval and technical sanction to the detailed plans & estimates in consultation with the F.D. A provision of rs 10 lacks has been ~~made~~ included for this scheme in the next year's budget estimates under the head '81-A' as now

2004/36
17058

46
120

item of explosive

2. Please see further letter dt Wb 113-114
Mi 18.2.50 from the Elec Commy.
It is viewed in accordance
with the desire of the H.M. P.W.D. p 114
No action is necessary on it.
Thro A.B.(III) & D.E. (R&B)I.

9/3/50

9/3/50

The Elec Commy may be authorised
to send the indent to the Director General
of Industries & Supplies in anticipation of
formal adm approval and technical sanction
to the detailed P & E in n.o. consultation
with the F.D.

H 10/3/50

n.o. (F)

Fin Debtt
Finance Deptt.
PWR I

11.-3-50

FINANCE DEPARTMENT
File No PWRI
Date
Initials & Date 13-3-50

please see F.D note dt 5/2/4. The
proposal made by the P.W.D may be agreed
to.

2. In the next year's budget, a provision of
Rs. 10 lakhs has been made under "81-A."
for distribution of Jog power in Hubli and
Haveri areas (vide new item No. 67 on page 381
of P.W.R. Budget for 1950-51).

8-3-50.

20/3/50

117 ti

121

2004/36
22754

El. Br (I). P.W.D.

Submitted with reference to the notes on pp 115-116 ante.

2 The F.D. has agreed to the proposal. The draft put up may kindly be issued, if approved. pp 119-120

Thro A.B. (III)

24/3/50.

24/3/50

24/3/50

25/3

DS

Secy

~~1+11~~ 2004/36

123 22754.

Letter.

No 2004/36 El (I) P.W.D.

B.C. (Bom no 1)

30th March, 1950

To

The Secl commr with the Govt B.

Subj:— Jog Karnatak Electric Grid scheme: Equipment for

Reference: Your letter No T.8/12/2286, p 99 & the 25.2.50.

2. You are authorised to send the indent for the equipment, Maps &7 refd to, (costing approximately Rs 46 to 47 lakhs) to the Dir Genl of Industries & Supplies in anticipation of formal administrative appl & technical sanction to the detailed plans & estimates.

D. A:— Nil

By order of the Govt B

Dy Secy to Govt

Comy

2004/36
22754

Copy with a copy of the Elect. Commn's
letter under reply forwarded to
the F D
for information.

Orders issued after consultation with
Finance Department and
Notes remain with the Department and
can be seen when required.

with copy
ISSUED
on 24/5/52

24/3/52

with B (3 spare each)
3/7

INDIAN POSTS AND TELEGRAPHS DEPARTMENT.

No.

Received here at H.

X RI NEW DELHI 25. STE 75 SECRETARY PUBLIC WORKS DEPARTMENT BOMBAY :

SE -2/263- A REGARDING ELECTRICITY EQUIPMENT FOR JOBS KARNATAK 1 GRID SCHEME AAA DUPLICATE COPIES OF TENDERS HAVE BEEN REFERRED TO THE ELECTRICAL COMMISSIONER BOMBAY ON TWENTYFIFTH FEBRUARY AND WE ARE SCRUTINISING TENDERS AT THIS END AND WILL BE SENDING OUR RECOMMENDATIONS TO THE ELECTRICAL COMMISSIONER DURING EXT WEEK AAA WE ARE STILL AWAITING THE FORMAL INDENT FOR WHICH ELECTRICAL COMMISSIONER HAS BEEN REMINDED A COUPLE OF TIMES : GHOSH DEVSUP :

The sequence of entries at the beginning of this telegram is—class of telegram, time handed in, serial number (in the case of foreign telegrams only), office of origin, date, service instructions (if any) and number of words.

[This form must accompany any enquiry respecting this telegram]

KHIPAH—

E-EBH
28/3

C. W. D.
File No. 2004/36
24562

2004/36
24522

127

Sl. Br (I) P.W.D.

The telegram within is from the Director of Industries & Supplies. The Secretary has approached Govt for advice to the formal indent referred to in the telegram & administrative advice & technical sanction to the detailed estimates. The main file is under submission to the H.M. with the necessary draft according advice to the formal indent.

2. The draft letter etc may please be seen & returned if approved.

28/3/50

Kfz 8/3/50

DS

29/3

129 S 125 2004/36
24562

Below copy of telegram no SE-2/263-A, dtd the 25th March 1950, from the Director General of Supplies & Disposals, New Delhi.

V. Urgent.
No 2004/36 E(I)

P.W.D.
B.C. (Bom no 1)
29th March 1950

Copy forwarded for information to the Chief Comm with the GoIB

2. Orders on the Chief Comm's proposal to grant relief to the Inland vessel will issue shortly. By order of the GoIB

ISSUED
on 30/3/50

DS 28/3/50 Shankar (Sjt) 29/3 for Asstt Secy to Govt of India (Sjt S) 29/3

REMINDER I 131 127

T.8/12/4904
Electric Grid Offices,
Foreshore Road,
Bombay 1: 27 March 1950

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject :- Jog-Karnatak Electric Grid Scheme - Placing indents with the Director General of Industries and Supplies.

I invite reference to this office letter No. T.8/12/2286 dated 25th February 1950, on the subject noted above and to request you kindly to move the Government to issue very early ~~xx~~ orders in the matter

for Electrical Commissioner with
the Government of Bombay.

ISB/24.3.

1/22

ERI 28/3

P. W. D.
File No 2004/36
Serial No. 24657.

TELEGRAM. 125 133

/STATE/ /EXPRESS/

SECRETARY
PUBLIC WORKS DEPARTMENT
BOMBAY

SE2|263A REGARDING ELECTRICITY EQUIPMENT FOR JOG KARNATAK GRID SCHEME AAA DUPLICATE COPIES OF TENDERS HAVE BEEN REFERRED TO THE ELECTRICAL COMMISSIONER BOMBAY ON TWENTYFIFTH FEBRUARY AND WE ARE SCRUTINISING TENDERS AT THIS END AND WILL BE SENDING OUR RECOMMENDATIONS TO THE ELECTRICAL COMMISSIONER DURING NEXT WEEK AAA WE ARE STILL AWAITING THE FORMAL INDENT FOR WHICH ELECTRICAL COMMISSIONER HAS BEEN REMINDED A COUPLE OF TIMES

GHOSH DEVSUP

(Not to be telegraphed.)

✓ Post copy forwarded to the Secretary, Public Works Department, Govt. of Bombay, Bombay.

JCGhosh
(J.C.Ghosh)
DGI&S/25/3/50.
27

134

ECBrI
A.T. 28/3

?

P. W. D.
File No 2004/96
Serial No. 24864

~~131~~
135

2004/36
24864

El. Br (I). P.W.D.

Submitted (with communication from the Elect Commr & the D.O. of endorsement & enclosures) with reference to the O.M. dt 28.3.50. Ufs: 27 & 125 P 123

2. The main case has since been received from the H.M. & orders authorising the Elect Commr to send the indent to the Dir Elect of Industries & enclosures have been issued. No further action is necessary Ufs 119-120

3. The report of the Elect Commr called for in para 3 of G.O. no 2004/36 El (I), P 55

2004/36
M4864

132 / 136

of the 23.12.49, is awaited. He has been extended time in the matter.

Awaited

4/4/50

4/4/50

DS

→ Awaited to (1.5.50)
5/4

133 137

D.O.No.T.3/S-26/7623
Electric Grid Offices,
Foreshore Road,
Bombay 1 : 24th April, 1950.

Dear Bedekar,

I invite your attention to my D.O. letter No.T.3/S-26/22841 dated the 5th January, 1950, in regard to the direct purchases of plant and equipment instead of through the Director General of Industries & Supply, New Delhi, as per Government orders issued in their letter No.2004/36-El(T) dated the 23rd December, 1949. I shall be obliged if due consideration is given to the matter and early orders of Government are please issued.

Yours sincerely,

P B Advani

Shri G.V. Bedekar,
I.C.S.,
Secretary to Government,
Public Works Department,
BOMBAY.

C/-
20/4/50.

135
138

El. Br. I 2c/4

R. W. D.
File No. 2084/36.
Serial No. 32951

El. Br I

135
139

2004/36

32951

Pl. By (I)

P.W.D.

Resubmitted with reference to the secy's query on p. ~~135~~ 137 ante

2. Attention is invited to the proceedings on pp ~~75-84~~ 79-88 ante. It will be seen therefrom that the secy has proposed ~~that~~ that the Govt comm should comply with the orders (issued in G.O. no 2004/36 EC (I), ~~p 53~~ p 53 59 dt the 23-12-49) relating to purchases by the ~~Govt~~ Govt of Govt & Subsidies except in cases where Govt allows him to make direct purchases, & in that case the Govt comm will have to make out a case for permission to make direct purchase. H.M. however directed ~~p 84~~ p 84 88 that rchly from the Dir Genl of Industries & Supplies ~~p 84~~ p 84 85 to the Govt comm's letter dt the 13-1-50, in the matter of equipment for the ~~Govt~~ Govt power distribution scheme may be awaited. ~~p 57~~ p 57 103

3. From the subsequent communicati

200"... 6
32951

156. 14/5

To discuss W Secy 28/4

of the 26.2.50, from the Elect. Commr it will be seen that the Govt of Industries & Supplies accepted the work in respect of the equipment for the Jog power Distribution scheme. The El. Commr has further been authorised to send the indent to the W.G. in anticipation of formal administrative approval & technical sanction to the detailed plans & estimates. vide G.C. no K 123 2004/36 EC(I), of the 30.3.50.

4. The information called for in para 3 of G.C. no P 89 2004/36 EC(I), of the 23-12-49, from the El. Commr is yet awaited though he was expedited twice in the matter. vide para 3 of the O.M., of the 135-136 4.4.50.

5. Orders may now be taken on the proposal of the Secy ref to in para 2 above.

24/4
26/4/50

26/4/50

DS

To be discussed with Elec Com

28/4

The case is now for orders, with reference to HM's minute on p. 84

27/4

Discussed with HM who desires that this be discussed by Secy with Elec Com

27/4

28/4

137
141

2004/36
32951

P. W. D.

El. Br (I)

Submitted for discussion with the Secy Comm — vide Secy note on the previous page

SDA
1/5/50.

Secy

The rule is that orders be placed through D.G.I.S. & that where exception is to be made for. sanction is to be obtained by the Com. In practice, this rule has worked well & for. has allowed direct orders to be placed. In certain cases

2004/36
32951

142

when tenders had been called or completion
quotations (in rupees) received as on

In view of these instances,
HM does not consider ~~it~~ necessary ~~but~~
~~it is not necessary~~ ~~to consider~~
the proposal of Mr. Elec Comr.
to short-circuit Rly. Bd. as
a rule for all non-standard
equipment &c. be further pursued
& Mr Elec Comr, who may see no
objection, may please move Rly. Bd.

[illegible]
12/1

no. to Elec Comm's 12

OFFICE OF THE
ELECTRICAL COMMISSIONER WITH
THE GOVERNMENT OF BOMBAY
Inward No. 17658.
Date 6.58
1416

143 + 139 + 2004/36

721/17/3.

9332

El. Br (I). 153 P.W.D.

In G. L. No. 2004/36 El (I) of the 23.12.49, the Hon'ble Commn was requested to report in all cases where leaders were arrested direct with full reasons. (arrested & their detention ordered)

This information has not yet been received from him so far. The matter may be requested to expedite the submission of this information as there cases are to be reported to the Govt. ministry of Industry & Supply

[illegible]
13/3/50

[illegible] 14/3/50

Urgent

to Hon'ble Commn. 15/16-3-50

Below Govt. P.W.D. u.o.r. No.2004/36 dated 14-3-50.

Electric Grid Offices.

The information called for has been submitted to Govt. under this office No. TCG/46-II/15142 dated 5th July 1950.

8/7/50

Secy. to Govt.,
P.W.D.,

u.o.r. No.TCG-45/II 15515

Bombay 10th July 1950.

P. W. D.
File No. 2004/36.
Serial No 55862

DRS.7/7/50.

Fin. 2004/36

(1)

Extracts from the notes recorded on file no 6572/36/17269.

A | xx The case will be included in the list of such cases to be reported to the Govt. Ministry of Industry & Supply.

xxx

Jd. Seg.
9/3/50

A. When are the cases to be reported to the Govt?

9.1 G.V. Bhadkar
9/3/50.

Resubmitted.

2. In Govt no 2004/36 Elec (I), of the 23-12-49, the Elect Comm has been asked to report all cases where tenders were invited direct (after the arrangement arrived at with the Govt in Jany 1949) with full reasons. As soon as this information is recd (for which the Elect Comm has been expedited) all the cases will be reported to the Govt

x x x

899
13/3/50

(P.T.C)

2004/36

The Elect Commr must be asked to report now all such cases to the end, say of Febr 1950; further cases can be reported as they occur

9.1 Sr.V.B (Technical)
14/3 secy.

Sr. Br (I) — P.W.D

Forwarded to the Sr. Commr with the S.F.B. in continuation of our no 2004/36 of the 14.3.50, with a request to furnish the information urgently.

17/3/50

17/3/50

V. Insert to Elect Commr. 10-3-50

SFC

OFFICE OF THE
ELECTRICAL COM...
THE GOVERN...
Inward 10034
2015

Below Govt. P.W.D. u.o.r. No. 2004/36 dated 10-3-50 (presumably [illegible] 20-3-50).

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Electric Grid Offices.

The information called for has been submitted to Govt. vide this office letter No.TCG/45-II/15142 dated 5th July 1950 as well as this office u.o.r. No. TCG-45-II/15515 dt.10-7-1950 in reply to Govt. P.W.D. u.o.r. No. 2004/36 dated 14-3-1950.

EP&T

P. W. D.
File No 2004/36.
Serial No. 55707

8/7/50.

Secy. to Govt.
P.W.D.
u.o.r. No. TCG-45-II/ 15532
Bombay 10th July 1950.

PS.7/7/50.

ELECTRIC GRID DEPART

Statement showing the various orders placed fo

the Electric Grid Departm

Item No.	Description of the order.	Govt. order No. & date approving the proposal of placing the order by this office.	This office let & date under wh order has been with the supp
1	2	3	4
1.	Copper conductors for H.T. consumers at Anand-Petlad Line.	G.L.,P.W.D.No.7161/36-El(I) of 5-10-1949.	T.3/c.65/1717 19-10-1949
2.	Sub-Station - Switchgear - Indent for O.C.B.'s etc.	-	T.3/c.73/23917 18-1-1950.
3.	Forged steel clips for Sub-Station track to hold the rails.	-	T.3/c.75/24245 21-1-1950.
4.	Copper conductors for H.T. consumers at Baroda and Petlad	-	T.3/c.81/116 d 28-1-1950.
5.	- Do -	-	- Do -
6.	2 ton-Motor lorry chessis for Nadiad.	-	T.3/c.82/369 of 2-2-1950.
7.	Material for bulk supply to H.T. consumers at Baroda & Petlad.	-	T.3/c.87/1620 of 17-2-1950.
8.	Trivecter Meter and summation current meter for the S.G.E.G. Scheme.	-	T.4/c.10/368 of 2-2-1950.
9.	Re-conditioned jeep.	-	T.4/c.12/2275 of 25-2-1950.
10.	Standard copper conductors for Trans.& Distn.Lines for the R.H.E.Scheme.	G.L.,P.W.D.,No.579/48-El(I) of 5-1-1950.	T.10/c.3/1409 of 14-2-1950.
11.	Skoda Engines @ Rs.2732/8/- less 7% discount and spares.	--	Elg.74(4)/21744 22-12-1949.
12.	Seven-Six stage Sulxer Turbine pumps 2000 g.p.h. at 300 ft. head for all causes-3"x 3" with spares etc.	-	- Do -
13.	Fabrication of bed-plate,pulley, coupling and testing diesel engine driven turbine pumping set.	-	Elg.74(4)/22650 3-1-1950.
14.	36' Span R.C.C.Poles for the R.H.E.Scheme.	G.L.,P.W.D.,No.579/48-El(I) of 10-11-1949.	T.10/C.2/19944 29-11-1949.

plant, uipment and material by
t after 10th Jan. 1949.

Name of the supplier.	Total amount of the order.	Remarks.
5	6	7
Indent placed with the Director General of Industries & Supplies, Bombay Branch(Govt.of India).	Rs.1,32,227/- f.o.r. Bombay.	Orders placed in accordance with Govt.'s directions contained in G.I E.&I.Deptt.No.8024.G. of 10-1-1949.
Indent placed on the Director General of Industries & Supplies, New Delhi.	-	- Do -
Indent placed on the D.G.I.S., Bombay Branch(Govt.of India).	-	- Do -
Indent placed on the D.G.I.S., Bombay Branch(Govt.of India).	-	-Do -
- Do -	Rs.45,122/-	- Do -
- Do -	Rs. 9,000/-	- Do -
- Do -	Rs.62,876/-	- Do -
- Do -	-	- Do -
Indent placed with the D.G.I.S., New Delhi.	-	- Do -
- Do -	-	- Do -
M/S. J.N.Marshall & Co., Bombay.	Rs.18,672/2/- (Engines & Spares).	Orders placed in consultation with and approval of the Director of Industries & S.P.O. Govt.of Bombay as per standing orders of Govt. for purchasing equipment immediately available in the Bombay market.
M/S. Associated Engineering Corporation,Bombay.	Rs.10,944/-	- Do -
M/S. Kaycee Industries Ltd., Bombay.	Rs.4,340/-	- Do -
Indent submitted to the Director of Industries & the S.P.O.Bombay for placing the order.	Rs.1,19,070/-	- Do -

: 1 :	2	: : 3	: 4
15.	Gambrell's portable D.C. Resistance Bridge-Pat.No.2093.	G.L.,P.W.D.No.7161/36--El of 26-11-1948.	T.3/c.34/3106 of 22-2-1949.
16.	Teak wood brushes and Fuse-wire.	G.R.,P.W.D.,No.7161/36 of 31-1-1949 & G.L., P.W.D.,No.7161/36-El of 12-4-1949.	T.3/c.46/7027 of 30-4-1949.
17.	M.S.Tee bolts and nuts for Transformer rail-track fittings.	G.R.,P.W.D.,No.7161/36 of 26-7-1949.	T.3/c.70/18472 of 8-11-1949.
18.	Three portable drills.	G.L.,P.W.D.,No.6572/36 -El of 5-2-1949.	Con.80/3476 of 28-2-1949.
19.	H.P.Oxy-acetylene welding & cutting outgit & accessories.	- do -	Con.79/3475 of 28-2-1949.
20.	Air Ejector (Steam operated)for C.W.pumps.	-	Con.63/6650 of 26-4-1949.
21.	Portable tool-kit for Meters.	G.L.,P.W.D.,No.7161/36 -El(I) of 31-12-1949.	T.3/c.74/23720 of 16-2-1950.
22.	Thermo-Hydro-graph & Dry & Wet bulbs Hydro-Meter.	-	Elg.405/22098 of 28-12-1949.
23.	Clipon Ammeter & leather case.	-	Con.406/21729 of 22-12-1949.
24.	Street lighting Fixtures.	-	Con.406/11849 of 18-7-1949.
25.	100 - Double cone - enamelled Street light	-	Con.406/14600 of 6-9-1949.
26.	Tools for erection-Service.	-	Elg.406/15868 of 28-9-1949.
27.	- do -	-	- Do--
28.	- do -	-	Elg.406/15870 of 28-9-1949.
29.	Electric materials for erection service.	-	Elg.406/16719 of 13-10-1949.
30.	- do -	-	Elg.406/21264 of 16-12-1949.

: 5	: 6	: 7
M/S. Eastern Electric Engineering Co., Bombay.	Rs.725/- f.o.r. Bombay.	Petty purchase locally made looking to the urgency of the work after inviting competitive prices.
M/S. Gopani Electric Stores, 171, Princess Street, Bombay.	Rs.581/14/- f.o.r. Nadiad.	-do-
M/S. Guest Keen Williams Ltd.,41,Chawranghee Road, 'B' Block, Calcutta.	Rs.800-4-0	- do -
M/S. Francis Klein Ltd.	Rs.675/- f.o.r. Bombay.	- do -
M/S. Indian Oxy-accetylene Co.	Rs.717/12/-f.o.r. Bombay.	- do -
M/S. Heatley Gresham.	Rs.180/- (This purchase is within the financial powers delegated to me.).	- do -
M/S. Volkart Brothers, Bombay.	Rs.400/- (This purchase is within the financial powers delegated to me.).	- do -
M/S. Lawrence & Meyer.	Rs.630/-	-do-
M/S.B.I.C.C.,Ltd., Bombay.	Rs.228/4/-f.o.r. Bombay. (This purchase is within the financial powers delegated to me.).	- do -
M/S City Electric Syndicate,Bombay.	Rs.975/- Delivery at our godown.	- do -
M/S Trinity Electric Syndicate.	Rs.425/- f.o.r. Bombay. (This purchase is within the financial powers delegated to me.).	- do -
M/S. .B.Shah & Co.	Rs.74/4/-f.o.r.Bombay. (This purchase is within the financial powers delegated to me.)	- do -
M/S. ian Tools & Hardwe Stores,Bombay.	Rs.135/9/-f.o.r.Bombay. (The purchase is within the financial powers delegated to me.).	- do -
M/S. Electricals(India) Ltd.	Rs.18/- f.o.r.,Bombay. (This purchase is within the financial powers delegated to me.).	- do -
M/S. Sirma Trading Co.	Rs.742/-f.o.r. Bombay.	- do -
M/S. Childas & Bros.	Rs.137/10/- (This purchase is within the financial powers	- do -

5	6	7
M/S Batliboi & Co.	Rs.70/- (This purchase is withing the financial powers delegated to me).	Petty purchase locally made looking to the urgency of the work after inviting competitive prices.
M/S Asian Tools & Haire Stores.	Rs.42/7/6. (This purchase is within the financial powers delegated to me).	- do -
M/S lectric Service Supps Co.	Rs.33/- (This purchase is within the financial powers delegated to me).	- do -
M/S tional Electric Co.	Rs.210/- (This purchase is within the financial powers delegated to me).	- do -
M/S t's Engineering Co.	Rs.607/-	- do -
M/S Shah & Co.	Rs.141/14/- (This purchase is within the financial powers delegated to me).	- do -
M/S Co.,Ltd., 9, ,Fort, Bo	Rs.69,179/7/8 plus 15%	The tenders were invited and sent to the D.G.I.& S.for placing the orders. The D.G.I.& S., however, asked this Deptt. to place the orders direct as tenders were called for by this Deptt. Accordingly with the approval of Govt. order was placed for this item.
M/S. Industries Ltd.	£.5808/16/8 C.I.F.Bombay	- do -
M/S. & Co., Bomb	$.3768.60 f.o.b. Japan.	- do -
M/S. Ltd.	Rs.1,35,200/-	- do -
M/S. dia)Ltd., Bomba	Rs.17,35,368/-	- do -
M/S. dustries Ltd.,	£.855/- c.i.f. Bombay.	- do -
M/S. Ltd., ,Wal Fort., Bomba	Rs.90,985/-f.o.r. Bombay.	- do -
M/S. n Si	Rs.2884/- f.o.r. Bombay.	Order was placed under Govt. approval as the purchase of this Item is also covered by the decision of the D.G.I.& S. as in the the above cases.
/S. & Co.	Rs.3443/- f.o.r. ~~Bombay~~.Calcutta.	- do -

1	2	3	4
31.	Wire draw-vice.	-	Elg.406/23043 of 9-1-1950.
32.	Semi Rotari pump and Hose pipes.	-	Elg.406/23384 of 12-1-1950
33.	Lighting Arresters.	-	Elg.406/20491 of 6-12-1949.
34.	Electrical Materials	-	Elg.406/19215 of 18-11-1949.
35.	Earth tester.	.	Elg.406/21443 of 19-12-1949.
36.	Tool set & Rawl plug.	-	Elg.413/20802 of 9-12-1949 & Elg. 413/24238 of 21-1-1950.
37.	33 KV Porcelain Insulators.	G.L.,P.W.D.,No. 7161/36-E(I)of 12-11-49 & No. 7161/36-El(I)of 4-1-1950.	T.3/c.78/24688 of 25-1-1950.
38.	11 KV Procelain Insulators.	- do -	T.3/c77/24183 of 20-1-1950.
39.	6.6 KV Procelain Insulators.	- do -	T.3/c-76/24185 of 20-1-1950.
40.	22 KV.D.C. Transmission line from Utran Power House to Surat Rly.Station.	G.L.,P.W.D.,No. 6572/36-El(I)of 29-12-1949.	T.4/c-923331 of 11-1-1950.
41.	Sub-Station equipment for S.G.E.G.Scheme.	G.L.,P.W.D.,No. 6572/36-El(I)of 11-2-1950.	T.4/c-13/2059 of 23-2-1950.
42.	Additional 11 KV.Insulators for the R.H.E.Scheme.	G.L.,P.W.D.,No. 557/48-El(I)of 14-3-1950.	T.10/c-4/5382 of 1-4-1950.
43.	Additional 33 KV.Insulators for the R.H.E.Scheme.	- do -	T.10/c-5/5355 of 30-3-1950.
44.	Spares for Raw water Pumps.	Main order approved under G.L.,P.W.D.No. 6572/36-El of8-11-48.	Con.64/13494 of 16-8-1949.
45.	Distribution Board for Erection Service.	Part of main order approved under G.L., P.W.D., No.6572/36-V-El of 21-11-47.	Con.17(iii)/4998 of 26-3-1949.

5	6	7
M/S. Volkart Bros., Bombay.	Rs.4840/- f.o.r. Bombay.	Order was placed under Govt. approval as the purchase of t item is also covered by the decision of the D.G.I.& S. as the above cases.
M/S. Jost's Engineering Co., Bombay.	Rs.7241/8/-f.o.r. Bombay.	- do -
M/S. A.Reyrolle & Co.	Rs.18,002/-f.o.r. Bombay.	- do -
M/S. General Electric Co.,Ltd.,Bombay.	Rs.31,695/12/-	- do -
M/S. Skoda (India)Ltd.	Rs.32,710/-f.o.r. Bombay. (£.2138/-f.o.b.)	Govt. approval was obtained before 10-1-49 and hence the order was placed.
M/S. General Electric Co.,(India)Ltd., Bombay.	Rs.10,07,029/- Inclusive of delivery at site,erection, testing & setting to work etc.	- do -
M/S. Greaves Cotton & Crompton Parkinson, Ltd., Bombay.	Rs.10,450/-f.o.r. Bombay.	Estimates were technically sanctioned by the former Baroda Govt. and orders were placed with the approval of Govt.
M/S. Volkart Bros., Bombay.	Rs.15,500/-	- do -
The Surat Elect.Co., Ltd.,Santacruz, Bombay 25.	Rs.1,49,500/-	Quotations were called for by the Surat Electric Supply Co., Ltd., from the B.J.C.C.Ltd.,as the work was being carried out by that Co. The facts were fully explained to Govt. & they authorised the E.C. to place the orders.
M/S. Batliboi & Co.	Rs.3,635/-f.o.r. Bombay.	→ The order was placed after receiving Govt. Sanction.
- do -	Rs.3910/- f.o.r. Bombay.	- do -
M/S. Associated Electrical Industries(India)Ltd., Bombay.	Rs.5242/-	- do -
M/S. Jost's Engineering Co., Ltd.	Rs.6,110/-f.o.r. Nadiad.	- do -
M/S. Cooper Engineers.	Rs.6,332/-f.o.r. Satara Road.	- do -
M/S. Batliboi & Co.	Rs.6,643/-f.o.r. Harihar.	- do -
M/S. Garlick & Co.Ltd.	Rs.7,037/-f.o.r. Bombay.	- do -

: 1 :	2	: 3 :	4
46.	Portable Rotating Sub-Standard Meters.	G.L.,P.W.D.,No.7161/36-El of 26-11-1948.	T.3/c-32/2453 of 10-2-1949.
47.	Indicating Instruments and accessories.	G.L.,P.W.D.,No.7161/36-El of 28-11-1948.	T.3/c-33/2930 of 18-2-1949.
48.	Cooling water and Raw Water Pumps' Distribution Boards.	Main order approved under G.L.,P.W.D.,No.6572/36-V-El of 21-11-1947.	Con.17(ii)/815 of 15-1-1949.
49.	Laboratory & Meter Testing equipment.	G.L.,P.W.D.,No.7161/36-El of 26-11-1948 & No. 7161/36-El of 21-3-49.	T.3/c-41/5598 of 6-4-1949.
50.	2 x 30" & 2 x 20" valves.	Main order approval under G.L.,P.W.D.,No. 6572/36-V-El of 26-5-1947.	Con.291(iii)/1394 of 26-8-1949.
51.	Additional Sub-Station equipment - 2nd stage development.	G.L.,P.W.D.,No.7161/36-El(I) of 19-8-1948.	T.3/c-52/13764 of 23-8-1949.
52.	Equipment for supply to H.T. consumers at Baroda.	G.L.,P.W.D.,No.7161/36-El of 7-3-1950.	T.3/c-93/4503 of 23-3-1950.
53.	Metering Equipment for H.T. consumers for the former Baroda Govt.	G.L.,P.W.D.,No.7161/36-El(I) of 16-3-1950.	T.3/c-98/7519 of 24-4-1950.
54.	3.3 KV. Switchgear and Cables at Surat Railway Station.	G.L.,P.W.D.,No.6572/36-El of 7-3-1950.	T.4/c-14/4469 of 24-3-1950.
55.	M./G. Welding Set.	G.L.,P.W.D.,No.6572/36-El of 5-2-1949.	Con.82/3478 of 28-2-1949.
56.	Screwing Machine	- do -	Con.82/3478 of 28-2-1949 & Con.82/5144 of 30-3-49 for Moto
57.	Relay Listing equipment.	G.L.,P.W.D.,No.7161/36-El of 26-11-48 and 21-3-1949.	T.3/c.42/5794 of 8-4-1949.
58.	Portable Recording Instrument.	G.L.,P.W.D.,No.7161/36-El of 16-8-1949.	T.3/c-58/14538 c 5-9-1949.
59.	Shaper.	G.L.,P.W.D.,No.6572/36-El of 5-2-1949.	Con.82/12206 of 23-7-1949.
60.	Lathe	do -	Con.82/3478 of 28-2-1949.
61.	Work-Shop Machinery, Blower & Air-Compressor.	G.L.,P.W.D.,No.6572/36-El of 5-2-1949.	Con.81/3477 of 28-2-1949.

:	5	: 6	: 7
of	M/S. W.H.Brady & Co.,Ltd., Royal Insurance Bldg., Fort. Bombay.	Rs.12000/-f.o.r. Bombay.	The order was placed after receiving Govt. sanction.
of	M/S. Greaves Cotton & Co. Ltd., Bombay.	Rs.15,850/-f.o.r. Bombay.	- do -
	M/S. Williams Jacks.	Rs.1537/-f.o.r. Bombay.	This item covers transmission line material etc. Order was placed direct after obtaining Govt. sanction.
of	M/S. Indus Engineering Co. Beaman Bldg.,12,Calicut Street,Ballard Estate, Bombay.	Rs.1650/-	- do -
	M/S. Indian Hume Pipe Co.	Rs.1950/-f.o.r. Wadala,B.P.T.Rly.	- do -
	M/S. Josts' Engineering Co., Bombay.	Rs.2392/-f.o.r. Bombay.	- do -
of	M/S. General Electric Co., Ltd.	Rs.2700/-f.o.r. Calcutta.Delivery to be effected at Nadiad.	- do -
	M/S. Batliboi & Co.	Rs.3070/-f.o.r. Harihar.	- do -
	M/S. English Electric Co., Ltd., Bombay.	Rs.5047/3/-f.o.r. Surat Rly.Station.	- do -
f	M/S. Greaves Cotton & Parkinson Ltd.	Rs.8250/-f.o.r. Bombay.	- do -
of	M/S. W.S.Hanley's Telegraph Works Co., Ltd.,Henley House, Bombay.	Rs.13,032/10/-f.o.r. Anand.	- do -
	M/S. Associated Electrical Industries,Ltd.,Bombay.	Rs.13724/14/-	- do -
	M/S. National Electric Industries,410, Suparibang,Bombay 12.	Rs.23,505/- Delivery at Site.	- do -
	M/S. Kaycee Industries Ltd.,Kamani Chambers, Bombay.	Rs.24,850/-f.o.r. Bombay.The material to be despatched to E.E.Nadiad.	- do -
	M/S. General Electric Co., (India)Ltd.,Bombay.	Rs.30,908/-	- do -
	M/S. Volkart Bros., Graham Road,Bombay.	Rs.43,800/-f.o.r. Nadiad.	- do -
	M/S. Greaves Cotton & Crompton Parkinson Ltd., 1,Forbes Street,Bombay.	Rs.45,187/8/-f.o.r. Bombay.	- do -

1	2	3	4
62.	20 Ton-Portable Gantry & 15 ton travelling ware gear pulley.	Technical estimates sanctioned under G.R., P.W.D.,No.7161/36 of 26-7-1949.	T.3/c.61/15011 14-9-1949.
63.	Hand operated crane for Sub-Stations.	- do -	T.3/c.60/15012 14-9-1949.
64.	Tools Grinder.	G.L.,P.W.D.,No.6572/36 -El of 5-2-1949.	-
65.	Steel-rail-clips for Transformer-rail track fittings.	G.R.,P.W.D.,No.7161/36 of 26-7-1949.	T.3/c-69/18485 8-11-1949.
66.	R.C.C.lamp-columns.		Con.406/8295 of 20-5-1949.
67.	11 KV. liquid type fuses for H.T. consumers.	G.L.,P.W.D.,No.7161/36 -El(S)of 6-1-1950.	T.3/c.80/242 of 31-1-1950.
68.	Rubber Matting for Control-Board.	G.R.,P.W.D.,No.7161/36 of 26-7-1949.	T.3/c.64/15917 29-9-1949.
69.	Drilling Machine.	Main order approved under G.L.P.W.D.,No. 6572/36-El of 5-2-49.	Con.82/12206 of 23-7-1949
70.	Hot Air Blower.	G.L.,P.W.D.,No.6572/36 -El of 12-4-1949.	T.4/c-2/7618 of 9-5-1949.
71.	2 x 100 KVA lighting Transformers.	G.L.,P.W.D.,No.6572/36 -El of 21-7-1949.	Con.116/10144 of 21-6-1949.
72.	11 KV. cable & cable boxes for supply to Anand Licensee.	G.R.,P.W.D.,No.7161/36 of 21-8-1949.	T.3/c.72/19630 24-11-1949 (L.P.O.)
73.	11 KV. Metering Sets.	G.L.,P.W.D.,No.7161/36 -El of 7-3-1949.	T.3/c.40/4873 24-3-1949.
74.	Distribution Transformers for 1st stage distribution.	G.R.,P.W.D.,No.7161/36 of 31-1-1949 & G.L., P.W.D.,No.7161/36-El of 21-3-1949.	T.3/c.47/7140 3-5-1949.
75.	- do -	- do -	T.3/c.48/7222 4-5-1949.
76.	11 KV. Control-gear for the New Shorrock Mills,Ltd., Nadiad & Gujarat Paper Mills, Barejadi.	Govt.P.W.D.Admi. approval No.7161/36 of 21-8-1949.	T.3/c.71/19004 16-11-1949
77.	L.T.single phase meters.	G.R.P.W.D.No.7161/36 of 31-1-1949 & G.L.P.W.D. No.7161/36-El of 21-3-1949.	T.3/c.44/6829 28-4-1949.
78.	Distribution Transformers.	- do -	T.3/c.45/6948 29-4-1949.

	5	6	7
f	M/S. The Indian Cable Co.,Ltd.,P.O.Box No. 281, Bombay.	Rs.60,237/2/-f.o.r. Bombay.	This item covers transmission line material etc. Order was placed direct after obtaining Govt. sanction.
	M/S. B.I.C.C.Ltd., Bombay.	Rs.72,138/3/-f.o.r. Bombay.	- do -
	- do -	Rs.1,33,687/15/- f.o.r.,Bombay.	- do -
	- do -	Rs.1,35,200/-	- do -
of	M/S. B.I.C.C. Ltd., Bombay.	£.1296/6/- C.I.F. Bombay.	- do -
of	M/S. Everest Edgoumte & Co.,Cetindale Works, Hendon,London,W.W.9.	£.116/12/6	- do -
of	M/S. Kotak & Co., Menakawa Bldg., Outram Road,Bombay.	$ 4631.8 f.o.r. Japan.	- do -
	M/S. Jost's Engineering Co.,Bombay.	Rs.2392/-f.o.r. Bombay.	- do -
	M/S. A. Reyrolle & Co., Ltd.,New Delhi.	Rs.12,800/-f.o.r. Bombay.	- do -
	M/S. A.E.I.(India)Ltd.	Rs.4,41,658/-	- do -
	M/S.B.I.C.C. Ltd., Bombay.	Rs.21,736/-f.o.r. Nadiad.	- do -
	M/S. Volkart Bros., Bombay.	Rs.7,128/-	- do -

: 1 :	2	: 3	: 4
79.	V.I.R. Cables.	G.R.,P.W.D.,No.7161/36 of 31-1-1949 & G.L., P.W.D.,No.7161/36 of 21-3-1949.	T.3/c-59/148 12-9-194
80.	Cables,cable-boxes, Guy-Sets,L.T.Three phase meters and other materials.	Govt.letter No.7161/36-El of 21-3-1949.	T.3/c.43/590 11-4-194
81.	22 KV. underground cables at Surat.	G.L.,No.6572/36-El of 13-4-1949.	T.4/c.3/6754 27-4-194
82.	22 KV. D.C. Transmission line from Utan Power House to Surat Receiving Station.	G.L.,P.W.D.,No.6572/36-El(I) of 29-12-1949.	T.4/c-9/2333 11-1-195
83.	Galvanised steel cross-arms for Anand-Petlad 33/11 KV. Transmission Line.	G.L.,P.W.D.,No.7161/36-~~xxx~~ El of 19-5-1949.	T.3/c.66/180 3-11-194
84.	40 KV. Portable Oil Testing equipment.	G.L.,P.W.D.,No.7161/36- of 26-7-1949.	T.3/c.67/174 25-10-19
85.	11 KV. Pin Insulators & 11 KV. strain Insulators.	G.R.P.W.D.No.7161/36 of 31-1-1949.	T.3/c-68/180 1-11-194
86.	11 KV. liquid type fuses for H.T. consumers.	G.L.,P.W.D.,No.7161/36-El of 6-1-1950.	T.3/c.80/242 31-1-195
87.	Switch tripling batteries for power supply to H.T. consumers at Kalol.	G.L.,P.W.D.,No.7161/36-El of 21-1-1950.	T.3/c-83/236 27-2-195
88.	7-66 KV. Oil Circuit Brakers for second stage extension.	G.L.,P.W.D.,No.7161/36-El(I) of 21-1-1950.	T.3/c-86/131 13-2-195
89.	Order for birdguards N.G.E.G.Scheme-Ahmedabad-Baroda 66/110 KV. Line.	G.L.,P.W.D.,No.7161/36-El(I) of 8-3-1950.	T.3/c-95/553 3-4-1950
90.	22 KV. lighting Arresters for S.G.E.G. Scheme.	G.L.,P.W.D.,No.6572/36-El(I) of 25-1-1950.	T.4/c.11/162 17-2-195

LKK/8/6 .

~~Immediate~~
Letter.

No.TCG-45/II, 1548
Electric Grid Offices,
Foreshore Road,
Bombay 1: 5 June 1950

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject:- Purchase of plants and equipment for the Electric Grid Department.

Reference:- G.L.,P.W.D. No.2004/36-El(I), dated the 23-12-4[illegible]

With reference to para 3 of the G.L., cited above, I forward herewith a statement showing all the cases where orders for plants and equipment have been placed direct with the Suppliers after 10-1-1949.

2. In all there are 90 items for which orders have been placed. It will be noted from the statement that except for a few petty items, orders have been placed either (a) through the Director General of Industries and Supplies, or (b) through or in consultation with the Director of Industries and the Stores Purchasing Officer, or (c) direct with the Supplier under the specific authority of Government.

3. At present all purchases except petty ones required immediately for maintenance of Power Houses are being made through the Director General of Industries and Supplies or Central Stores Purchase Officer as required by circumstances. In this connection, I request that Government may kindly enlight me on the following points:-

i) What class of materials should be bought through the Director General of Industries and Supplies; ii) What class of materials should be bought through the Director of Industries and the Stores Purchasing Officer, Bombay. iii) Upto what value of an individual item can I buy direct? This power is necessary specially for erection, maintenance and operation of works for which frequently various materials are required for immediate use. Under G.R.,P.W.D.No.7524/36, dated 4-12-1948, Government have delegated to the Electrical Commissioner with the power to purchase such items each costing upto Rs.500/-. Similarly under same orders of Government such powers have been also delega-

the other officers of this Department. The power to the Electrical Commissioner may be increased to Rs.5000=0=0 for an individual item. It may be noted that D.G.I.&S does not accept orders of Rs 500/- and less per item

4. On the general question of purchase through the Director General of Industries and Supplies, I have to invite reference to the correspondence noted in the margin and I request the favour of early orders of Government thereon.

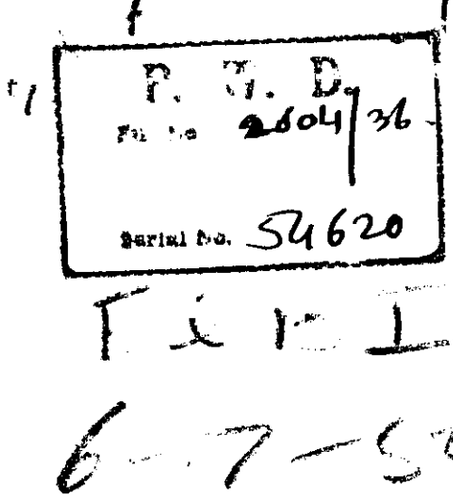
1) This office letter No.Elg/356/18518, dated 8-11-1949 to the Secretary to Government, P.W.D.,	5. I shall be greatful for very early orders of Government as requested in paras 3 and 4 above.
2) My D.O. No.T.3/S./26/22841, dated 5-1-1950 to Shri G.V.Bedekar, I.C.S., Secretary to Government, P.W.D.	
3) My D.O. No. T.3/S.26/7633, dated the 24-4-1950 to Shri G.V.Bedekar, IC.S., Secretary to Government, P.W.D.	
4) This Office letter No.PF-8/6758, dated 14-4-1950.	

P B Advani.

Electrical Commissioner
with the Government of Bombay.

Encl:- One Statement.

LKK/13/6.


P. W. D.
File No. 2604/36
Serial No. 54620

[redacted] 54620, 5570

El. Br (I). P.W.D.

On G.L. no 2004/36 El(I) of the 23.12.49 the Elect Commr was requested to submit all cases where tenders were invited & priced (exclusive of those in Dir Genl of Industries) with full reasons in order to enable Govt to send a list of such cases to the Govt. in the Ministry of Supply. The El. Commr has now furnished a list which contains 90 items. Papers underlying the tenders Govt orders passed by the Elect Commr are being traced & the case will be resubmitted with the necessary further note by next week or so.

31/7/50

31/7/50

D 3

169

Below Govt.P.W.D.,U.O.R.,No.2004/36/32951 dated 12th June 1950.

ELECTRIC GRID OFFICES.

The subject matter of this file was discussed at the recent Conference of Engineers presided over by H.M.,P.W.D. It was later also discussed by the Special Committee appointed by the Conference and presided over by the Secretary to Government, Development Department. It was my understanding that the Committee generally accepted my following proposals:-

(1) The Electric Grid Department (and presumably other specialist technical officers who have the requisite experience specialist staff) should be allowed to purchase direct their requirements of construction plant, power plant, transmission and distribution materials etc. required for developing sources of electric power and generation, transmission and distribution of Electricity after inviting tenders.

(2) They should be required to purchase standardized items, such as fuel oil, copper wire, lamps, meters and like for which the Director General of Industries and Supplies, New Delhi has running contracts by placing indents as direct demanding officers against these running contracts. In this case also, if the Electric Grid Department can purchase the articles at lower rates than stated in the running contract, it should be open to the Department to purchase them direct. In such cases the Department should report the matter to Government.

(3) They should be required to purchase through the Bombay Director of Industries and Central Stores Officer their requirements other those covered by (1) and (2) above, subject to the proviso that they can make petty purchases not exceeding Rs. 500/- direct. This proviso is in force at present and should continue to be operative.

I request that the subject matter be reconsidered by Government and early orders issued.

The Secretary to Government,
Public Works Department,
Bombay.
U.O.R. No. To
Dated 24 August 1950.

20106

258/50.

2004/36
70206

Rl. Br. (I). P.W.D.

The Searcher is not able to trace the papers req. in conference ref. at A' overleaf. The Fil Br may be requested to look up these papers in order to enable this Br. to take further action on this case.

30/9/50

3/10/50

To Fil Br.

3/10 The papers in question are not traceable in F. Br. in spite of a thorough search.

24/10/50

E(1)
26/8

2004/36
70206

~~167~~
~~176~~

2004/3C

70206

Sl. Br (I) P.W.D.

Received with reference to the O.M. of the Fd Br noted ~~below~~ on the previous page.

2. Several Br.s may be asked to note whether the bakers in your/their area with any of them. & if so, to put them up with their bakers.

18/11/50 The papers may be either in E.B.I (or W.B.) when Sr. dealt with the subject of conference of Ex. Engrs & S. Engrs. Of course then Govt. finish. [illegible] V. Mehta 18/11/50

JAS.

2204/36
70206

169 172

To

E. B (I)

W.B

With reference to Mr. Case's note overleaf with a request to let us have particulars, if with them or indicate where they are

EE21
18/11/50
20

E.B.(I).

The papers containing the proceedings of the Conference are not available at present. A G.R. appointing a Recruitment Committee is being issued thereon. The papers will be sent to Elect. Br. (I) as soon as they become available

PRO
22-11-50.

To El. Br. (I).

2004/36

70206

E. B (I).

P. W. D.

Will E. B (I) kindly send the papers referred to in its note on the previous page, if these are available now?

4/12/5V

To

E. B (I)

E. B. (I).

The papers in question are not

not still available. It is, however, proposed on those papers to give the Brs. concerned the relevant copies of the proceedings of the Conference for necy further action by them

P.P.D.
13-12-50.

P.2.(Z)

This file was put up as F.P.6 file No 2004/36 (19781 1957 the middle of) Apr.

2004/36

K.Br.

P.W.D

Resubmitted.

2. The papers in question are still not forthcoming. Presumably, they are with the Chief Engineer.

3. Please see G.L. No. 2004/36-E1(I), dated the 23-12-1949 wherein, the then Elecl. Commr. with the Govt. of Bombay was requested to report to Govt. the cases where tenders were invited direct (instead of through the D.G.I.S) with full reasons therefor. That office has accordingly forwarded a statement consisting of ninety items showing all the cases where orders for plants and equipment have been placed direct with the suppliers after 10th January 1949. The statement in question is being scrutinized and orders (F.Ps) referred to therein are being collected and the papers will be resubmitted as early as possible.

14/7/51

14/7/51.

A.A.S.

2004/36

P. W. D.
K

Resubmitted.

2. The file in question is still not forthcoming inspite of a thorough and vigourous efforts on the part of the Branch Searcher. Presumably, it is still with the Chief Engineer. The case is however proceeded further as follows:-

3. In accordance with the arrangement arrived at with the Govt. of India in 1949 - vide G. L., E. & I.D., No.8024 G, dt. the 10-1-1949 - the purchases of electrical equipment or any other plant or stores were to be made through the Dir. Genl. of Industries and Supplies. It was noticed that this arrangement was ignored and tenders were invited direct in respect of various grid schemes. It was therefore decided that all such cases should be reported for the information of the Govt. of India. The El. Commr. (now the C.E., B.E.G.) was accordingly requested to report with full reasons all such cases. The C.E. has accordingly submitted a list consisting of 90 items. This list will be found on pp. 151-161 ante. It has been scrutinised and the following remarks are made thereon. -

4. Items 1 to 10 of the list. :- Orders in respect of these items were placed through the Dir. Genl. of Industries and Supplies in accordance with the arrangement arrived at with the Govt. of India. They are not therefore required to be reported to the Govt. of India.

5. Items 11 to 14 ibid. :- These are local purchases made in consultation with the Dir. of Industries and the S.P.O. They are not therefore required to be reported to the G.of I.

6. Items 15 to 36 ibid.:- These are petty purchases locally made. It is not necessary to report them to the Govt. of India.

7. Items 37 to 49 ibid.:- In cases where the tenders were already invited by the Chief Engineer, the Dir. Genl. of Industries and Supplies has agreed that orders may be placed direct instead of through him. These cases are

type and may be included in the list to be sent to Govt. of India with intimation as at 'A' above. overleaf.

8. Items 50 to 51 ibid : - These orders were placed before the arrangement arrived at with the Govt. of India. They are not required to be reported to the Govt. of India.

9. Items 52 to 90 :- These items (excepting 55 to 61, 64 to 71, 84, 86 and 90 which are below Rs.10,000 each) may be reported to the Govt. of India.

10. In addition to the above items Govt. has permitted the C.E. to place the following orders direct instead of through the Dir. Genl. of Industries and Supplies and has decided that they should be reported for the information of the Govt. of India in the proposed list.

	Amount.	Authority for placing orders.
(1) South Gujarat Electric Grid Scheme:- Substation equipment (Switch gear equipment).	17,35,368	G.L.6572/36-El(I) dt. the 11-2-1950. — Slip 1
(2) South Gujarat Elec. Grid Scheme. Substation equipment.	52,845	G.L. No.6572/36-El(I) Dt. the 22-4-1950. — Slip 2
(3) South Gujarat Elec. Grid Scheme: Station Service Transformers for Navsari and Billimora Sub Stations.	7,720	G.L.No.6572/36-El(I) dt. the 9-6-1950. Slip 3
(4) North Gujarat Elec. Grid Scheme. Orders for seven oil circuit breakers required for the scheme at an estimated cost of Rs.63094 each at site.	4,41,658	G.L.No.7161/36-El(I) dt. the 21-1-1950. Slip 4
(5) North Gujarat Elec. Grid. Scheme. 11 KV fuses for H.T.Consumers.	2,400	G.L.No.7161/36-El(I) dt. the 6-1-1950. Slip 5
(6) North Gujarat Elec. Grid. Scheme. 11 KV switchgear and equipment for the Petlad Sub-Station.	1,27,481	G.L.No.7161/36-El(I) dt. the 4-7-1950. Slip 6
(7) South Gujarat Electric Grid Scheme. Protected telephone equipment...	23,484	G.L. No.6572/36-El(I) dt. the 19-7-1950. Slip 7
Ampliphone Transmitter and Receiver) linemen's portable telephone sets.)	21,255	
	44,739	
(8) South Gujarat Elec. Grid, Scheme: 66 KV Lighting arrest[illegible]	11,610	G.L.No.6572/36-El(I) dt. the 22-7-1950. Slip 8
(9) Purchase of Diesel Electric Power Plant equipment for electrification of certain towns in Bijapur, East Khandesh and Belgaum District -		
Bijapur Dist. [illegible] Ilkal	2,86,818	
Guledgud	2,86,818	

East Khandesh...

East Khandesh District.		) G.L.No.8993/36
Dharangaon	3,24,772	) -El(I), dt.
Belgaum District.		) the 31-10-1949
Hukeri	3,24,772	) and
Bailhongal	1,78,830	) G.L.No.8993/36-El(I) dt. the 4-1-1950.
	14,27,010	

It may be added in this connection that item 9 referred to above falls under the category of 'A' mentioned in para. 7 above.

11. Since the decision refd. to in para. 3 above was taken Govt. has issued orders - vide G.R., D.D. No.34, dt. the 25-8-1950 - empowering the officers under the administrative control of this Deptt. not below the rank of Ex. Engrs. to make direct purchases of specialised machinery items without reference to the Central Stores Purchasing Office. Please see also in this connection G.R., D.D. No. 41/25111-F, dt. the 14-9-1950. It is presumed that these orders supersede the arrangement arrived at with the Govt. of India in 1949. If this presumption is correct there seems no point in reporting the cases to the G. of I. as previously decided. Before, therefore, further action is taken, the D.D. may be requested u.o. to state whether the above presumption is correct.

Vsm/11.10.51

12/10/57

13/10/57

A.A. Secy.

Dy. Secy (DtE)

U.O. to the Dev. Deptt. dt. 17th Oct. 1957

DEVELOPMENT DEPARTMENT
File No. P.W.D. 2004/44/70206.
Date 18-10-57
Serial No. F 44319

D.D.

- Necessary may be returned by P. W. D. with the reply

that the presumption made at 'X' in the P.W.D. note is incorrect.

7/11/51

9/11

9.11.51

D.S.

P.W.D 13/11/51.

K.Br.

P.W.D.

pp 179-180

The D.D. agrees with this Dept's view that it is not necy. now to report any cases for which orders were placed direct by this Dept'n. to the Govt. of India in view of the orders issued in G.R. D.D. No. 34 dt. the 25-8-50. The papers may therefore be recorded, if approved.

24/12/51

5/XII/51

Dy. Secy (Drg.)

6.1

2004/36

98100

Shri M.

Pl. take movement & transfer to N Br.

13/10

14.11